

Adopted Budget

City of Portland, Oregon

Fiscal Year 2018-19

Volume Two

**City Funds and
Capital Projects**

Mayor Ted Wheeler

Commissioner Chloe Eudaly

Commissioner Nick Fish

Commissioner Amanda Fritz

Commissioner Dan Saltzman

Auditor Mary Hull Caballero

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User's Guide

The budget document consists of two volumes. Volume One contains general information and an overview of the budget for the City of Portland, as well as the budgets for individual City bureaus and offices. Volume Two provides detailed information about the City's funds and capital projects.

If you have any questions about the budget document or the City's budget, please call the City Budget Office at (503) 823-6925 or email citybudgetoffice@portlandoregon.gov.

Volume One - Bureau Budgets

Mayor's Message	This is a message from the Mayor about the challenges and opportunities faced in preparing the Proposed Budget and highlights the Mayor's budget priorities. Changes that occurred in the Approved and Adopted Budget phases will not be reflected in this document.
Overviews	<p>City Overview</p> <p>The City Overview gives general information about the City of Portland, including its demographics and government management systems.</p> <p>Budget Overview</p> <p>The Budget Overview presents the total City budget from a number of perspectives, identifies the Council's strategic goals and values, and outlines the City's overall budget process. It also summarizes key budget decisions and delineates the links between those decisions and City Council goals and strategic issues.</p> <p>Financial Overview</p> <p>The Financial Overview lays out the City's financial planning process, fiscal structure, and related policies. This section also includes the five-year forecast, a discussion of City debt management, and highlights of key revenue and expenditure trends.</p> <p>Budget Notes</p> <p>The Budget Notes section lists issues that require further analysis or action, per Council's direction. The notes generally direct bureaus to undertake a particular assignment.</p>
Financial Summaries	These summaries show Citywide revenues, expenses, and authorized positions. Tables at the beginning of Volume One summarize the City budget across all funds, list bureau expenses and total City expenses by fund, and detail the City's Capital Improvement Plan (CIP). The Appropriation Schedule, Tax Levy computations, and Urban Renewal Tax Certifications are also included. This section concludes with tables related to the City's debt obligations.

Service Area Information

City bureaus are categorized into service areas based on the nature of their programs and services. Each service area section of the budget document (Adopted Budget only) begins with a description of the service area and budget highlights for bureaus in that service area, followed by the budget for each individual bureau. The City's seven service areas are:

- Public Safety
- Parks, Recreation, & Culture
- Public Utilities
- Community Development
- Transportation & Parking
- Elected Officials
- City Support Services

Volume Two - City Funds

Fund Summaries by Service Area

Presented in the same service area order as Volume One, these sections detail the resources and requirements of each City fund. A brief description of each fund's purpose and relevant trends and issues are incorporated with fund financial information.

Capital Project Details

These sections, included only in the Adopted Budget, describe each of the City's capital projects by bureau and capital program. Each project includes:

- ◆ A title
- ◆ Project description
- ◆ Funding source (last line of project description)
- ◆ Historical and five-year projected costs
- ◆ Net operation and maintenance costs
- ◆ The geographic location of the project
- ◆ The project objective
- ◆ Total project cost (projected cost of the total project if expenditures are planned beyond the five-year plan)
- ◆ Original project cost (displays the total project cost as identified during the first year of project implementation), and
- ◆ The confidence level of the bureau that the project costs will not change.

Project titles beginning with "NEW" were not included in the previous year's five-year capital improvement plan.

Prosper Portland Adopted Budget

As required by the City's Charter, the Prosper Portland Adopted Budget is incorporated here by reference. See the Prosper Portland website for the Prosper Portland Adopted Budget:
<http://prosperportland.us//>.

Figure 1: Appropriated Funds by Managing Agency

Managing Agency	Fund	Service Area	Fund Type
Bureau of Development Services			
	Development Services Fund	Community Development	Special Revenue

Figure 1: Appropriated Funds by Managing Agency (Continued)

Managing Agency	Fund	Service Area	Fund Type
Bureau of Emergency Communications			
	Emergency Communication Fund	Public Safety	Special Revenue
Bureau of Environmental Services			
	Environmental Remediation Fund	Public Utilities	Enterprise
	Sewer System Construction Fund	Public Utilities	Enterprise
	Sewer System Debt Redemption Fund	Public Utilities	Enterprise
	Sewer System Operating Fund	Public Utilities	Enterprise
	Sewer System Rate Stabilization Fund	Public Utilities	Enterprise
Bureau of Fire & Police Disability & Retirement			
	Fire & Police Disability & Retirement Fund	Public Safety	Fiduciary
	Fire & Police Disability & Retirement Reserve Fund	Public Safety	Fiduciary
Bureau of Planning & Sustainability			
	Community Solar Fund	Community Development	Special Revenue
	Solid Waste Management Fund	Public Utilities	Enterprise
City Budget Office			
	Fire & Police Supplemental Retirement Reserve Fund	Public Safety	Fiduciary
	General Fund	City Fund	Major Governmental
	General Reserve Fund	City Fund	Special Revenue
Commissioner of Public Affairs			
	Children's Investment Fund	Community Development	Special Revenue
Office of Community & Civic Life			
	Cannabis Licensing Special Revenue Fund	Community Development	Special Revenue
Office of Management & Finance			
	320 Cully Blvd. NPI Debt Service Fund	Community Development	Debt Service
	42nd Avenue NPI Debt Service Fund	Community Development	Debt Service
	82nd/Division NPI Debt Service Fund	Community Development	Debt Service
	Airport Way Debt Service Fund	Community Development	Debt Service
	Arts Education & Access Fund	Community Development	Special Revenue
	BFRES Facilities GO Bond Construction Fund	Public Safety	Capital Projects
	Bonded Debt Interest and Sinking Fund	City Support Services	Debt Service
	Central Eastside Industrial District Debt Service Fund	Community Development	Debt Service
	CityFleet Operating Fund	City Support Services	Internal Service
	Convention and Tourism Fund	Community Development	Special Revenue
	Convention Center Area Debt Service Fund	Community Development	Debt Service
	Division-Midway NPI Debt Service Fund	Community Development	Debt Service
	Enterprise Business Solutions Services Fund	City Support Services	Internal Service
	Facilities Services Operating Fund	City Support Services	Internal Service
	Gateway URA Debt Redemption Fund	Community Development	Debt Service
	Governmental Bond Redemption Fund	City Support Services	Debt Service
	Grants Fund	City Support Services	Special Revenue
	Health Insurance Operating Fund	City Support Services	Internal Service
	Insurance and Claims Operating Fund	City Support Services	Internal Service
	Interstate Corridor Debt Service Fund	Community Development	Debt Service
	Lents Town Center URA Debt Redemption Fund	Community Development	Debt Service
	North Macadam URA Debt Redemption Fund	Community Development	Debt Service
	Parkrose NPI Debt Service Fund	Community Development	Debt Service
	Pension Debt Redemption Fund	City Support Services	Debt Service
	Portland Police Association Health Insurance Fund	City Support Services	Internal Service
	Printing & Distribution Services Operating Fund	City Support Services	Internal Service
	Property Management License Fund	Community Development	Special Revenue

Figure 1: Appropriated Funds by Managing Agency (Continued)

Managing Agency	Fund	Service Area	Fund Type
	Public Election Fund	City Support Services	Special Revenue
	Public Safety GO Bond Fund	Public Safety	Capital Projects
	Recreational Cannabis Tax Fund	City Support Services	Special Revenue
	River District URA Debt Redemption Fund	Community Development	Debt Service
	Rosewood NPI Debt Service Fund	Community Development	Debt Service
	South Park Blocks Redemption Fund	Community Development	Debt Service
	Special Finance and Resource Fund	City Support Services	Capital Projects
	Special Projects Debt Service Fund	City Support Services	Debt Service
	Spectator Venues & Visitor Activities Fund	Parks, Recreation, & Culture	Enterprise
	Technology Services Fund	City Support Services	Internal Service
	Waterfront Renewal Bond Sinking Fund	Community Development	Debt Service
	Workers' Comp Self Insurance Operating Fund	City Support Services	Internal Service
Office of the City Auditor			
	Assessment Collection Fund	Community Development	Special Revenue
	Bancroft Bond Interest & Sinking Fund	Community Development	Debt Service
	Local Improvement District Fund	Community Development	Capital Projects
Portland Bureau of Transportation			
	Gas Tax Bond Redemption Fund	Transportation & Parking	Debt Service
	Parking Facilities Fund	Transportation & Parking	Enterprise
	Transportation Operating Fund	Transportation & Parking	Major Governmental
	Transportation Reserve Fund	Transportation & Parking	Special Revenue
Portland Housing Bureau			
	Community Development Block Grant Fund	Community Development	Special Revenue
	HOME Grant Fund	Community Development	Special Revenue
	Housing Capital Fund	Community Development	Capital Projects
	Housing Investment Fund	Community Development	Special Revenue
	Housing Property Fund	Community Development	Special Revenue
	Inclusionary Housing Fund	Community Development	Special Revenue
	Tax Increment Reimbursement Fund	Community Development	Special Revenue
Portland Parks & Recreation			
	Golf Fund	Parks, Recreation, & Culture	Enterprise
	Golf Revenue Bond Redemption Fund	Parks, Recreation, & Culture	Enterprise
	Parks Capital Improvement Program Fund	Parks, Recreation, & Culture	Capital Projects
	Parks Endowment Fund	Parks, Recreation, & Culture	Permanent
	Parks Local Option Levy Fund	Parks, Recreation, & Culture	Special Revenue
	Portland International Raceway Fund	Parks, Recreation, & Culture	Enterprise
	Portland Parks Memorial Fund	Parks, Recreation, & Culture	Special Revenue
Portland Police Bureau			
	Police Special Revenue Fund	Public Safety	Special Revenue
Portland Water Bureau			
	Hydroelectric Power Bond Redemption Fund	Public Utilities	Enterprise
	Hydroelectric Power Operating Fund	Public Utilities	Enterprise
	Hydroelectric Power Renewal Replacement Fund	Public Utilities	Enterprise
	Water Bond Sinking Fund	Public Utilities	Enterprise
	Water Construction Fund	Public Utilities	Enterprise
	Water Fund	Public Utilities	Enterprise

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	258,547,936	269,688,060	279,615,499	292,389,118	292,389,118	292,389,118
Licenses & Permits	198,978,646	213,377,412	201,826,390	228,280,141	228,172,199	222,572,199
Charges for Services	23,538,806	25,629,433	26,055,262	27,732,551	27,394,159	26,804,280
Intergovernmental	29,807,858	28,766,922	33,791,542	31,919,569	31,939,188	31,995,103
Miscellaneous	3,969,338	4,520,906	4,037,442	4,039,177	3,881,009	3,881,009
Total External Revenues	514,842,584	541,982,733	545,326,135	584,360,556	583,775,673	577,641,709
Fund Transfers - Revenue	25,678,731	30,386,589	32,898,751	31,488,831	32,246,712	32,246,712
Interagency Revenue	26,099,803	28,438,210	36,955,471	40,862,002	37,413,898	37,211,983
Total Internal Revenues	51,778,534	58,824,799	69,854,222	72,350,833	69,660,610	69,458,695
Beginning Fund Balance	46,057,741	44,155,972	52,657,502	16,779,694	28,913,956	34,520,817
Total Resources	612,678,859	644,963,504	667,837,859	673,491,083	682,350,239	681,621,221
Requirements						
Personnel Services	356,303,464	367,913,601	396,710,211	406,462,748	404,665,781	405,422,415
External Materials and Services	84,968,393	93,092,928	116,947,615	117,184,410	122,704,486	121,213,712
Internal Materials and Services	55,258,163	59,243,718	65,906,436	66,192,404	65,133,738	65,079,123
Capital Outlay	701,815	3,594,870	5,651,971	5,261,511	6,334,781	6,334,781
Total Bureau Expenditures	497,231,835	523,845,117	585,216,233	595,101,073	598,838,786	598,050,031
Debt Service	8,190,788	8,991,917	10,020,013	10,727,715	10,727,715	10,727,715
Contingency	0	0	15,894,997	16,641,568	22,790,014	22,852,535
Fund Transfers - Expense	63,100,264	59,517,702	56,706,616	51,020,727	49,993,724	49,990,940
Total Fund Expenditures	71,291,052	68,509,619	82,621,626	78,390,010	83,511,453	83,571,190
Ending Fund Balance	44,155,972	52,608,768	0	0	0	0
Total Requirements	612,678,859	644,963,504	667,837,859	673,491,083	682,350,239	681,621,221

Fund Overview

The General Fund is the primary operating fund for the City of Portland. The core services of the City, such as police, fire, parks, and community development, are budgeted within this fund. The fund is mostly supported by property and transient lodging taxes, business and utility license fees, and state shared revenues.

Managing Agency City Budget Office

Significant Changes from Prior Year

The April 2018 forecast identified the need for \$0.4 million in ongoing General Fund discretionary cuts and \$23.1 million in available one-time discretionary resources. The FY 2018-19 Adopted Budget also includes a 0.4 percentage point business license tax increase, which will generate an estimated \$15.3 million annually in new ongoing resources.

General Reserve Fund

Fund Summary

City Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Bond & Note	725,000	0	0	0	0	0
Miscellaneous	447,666	601,760	678,359	605,857	605,857	605,857
Total External Revenues	1,172,666	601,760	678,359	605,857	605,857	605,857
Fund Transfers - Revenue	300,000	3,000,000	1,000,000	1,500,000	1,500,000	1,500,000
Total Internal Revenues	300,000	3,000,000	1,000,000	1,500,000	1,500,000	1,500,000
Beginning Fund Balance	58,885,208	56,495,175	58,987,747	60,585,671	60,585,671	60,585,671
Total Resources	60,357,874	60,096,935	60,666,106	62,691,528	62,691,528	62,691,528
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	60,666,106	62,691,528	62,691,528	62,691,528
Fund Transfers - Expense	3,862,699	1,180,400	0	0	0	0
Total Fund Expenditures	3,862,699	1,180,400	60,666,106	62,691,528	62,691,528	62,691,528
Ending Fund Balance	56,495,175	58,916,535	0	0	0	0
Total Requirements	60,357,874	60,096,935	60,666,106	62,691,528	62,691,528	62,691,528

Fund Overview

The General Reserve Fund was created in FY 1987-88 for the purpose of building a reserve for the General Fund. It is Council-adopted policy to maintain a reserve level equal to at least 10% of General Fund discretionary and overhead resources less beginning fund balance.

The policy defines the first 5% of reserves as an emergency reserve available to fund major one-time, unanticipated expenditures or to offset unanticipated revenue fluctuations that occur within a fiscal year. The second 5% of the reserve fund is defined as a counter-cyclical reserve and is available to transition expenditure growth to match slower revenue growth during an economic recession.

City Council's five-year financial forecast allows using reserves in excess of the required 10% level to fund one-time General Fund appropriations.

The Fire Apparatus Reserve is at \$7,467,524 for FY 2018-19.

In FY 2010-11, the citizens of Portland approved a five-year Public Safety Levy that included funds for apparatus replacement in Portland Fire & Rescue. During the levy period, the existing ongoing funds dedicated to apparatus replacement in the General Fund were transferred to the General Reserve Fund. The replacement funds will be stored in the General Reserve Fund until Portland Fire & Rescue begins drawing on the reserve to supplement the annual ongoing apparatus replacement funds.

Managing Agency City Budget Office

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	168	2	0	0	0	0
Intergovernmental	21,330,400	14,600,973	41,243,904	54,058,230	54,375,477	54,378,651
Bond & Note	4,500,000	8,000,000	0	0	0	0
Miscellaneous	55,263	27,388	0	0	0	0
Total External Revenues	25,885,831	22,628,363	41,243,904	54,058,230	54,375,477	54,378,651
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	483,273	500,843	9,750,000	0	0	0
Total Resources	26,369,104	23,129,206	50,993,904	54,058,230	54,375,477	54,378,651
Requirements						
Personnel Services	7,900,849	4,512,005	9,436,895	10,807,219	10,807,219	10,807,219
External Materials and Services	5,653,532	6,140,952	17,577,628	11,566,046	11,883,293	11,886,467
Internal Materials and Services	3,035,974	2,434,415	6,689,955	5,710,690	5,710,690	5,710,690
Capital Outlay	4,677,906	5,071,920	7,539,426	25,974,275	25,974,275	25,974,275
Total Bureau Expenditures	21,268,261	18,159,292	41,243,904	54,058,230	54,375,477	54,378,651
Debt Service	4,600,000	4,500,000	9,750,000	0	0	0
Total Fund Expenditures	4,600,000	4,500,000	9,750,000	0	0	0
Ending Fund Balance	500,843	469,914	0	0	0	0
Total Requirements	26,369,104	23,129,206	50,993,904	54,058,230	54,375,477	54,378,651

Fund Overview

The Grants Fund serves as the central fund for all federal, state, and private financial assistance received by the City, including grants, contracts, and cooperative agreements. The City also receives funds from two federal entitlement programs, HOME and the Community Development Block Grant, which are budgeted in separate funds.

Managing Agency Office of Management Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

The Grants Fund changes year to year, depending on awarded grants. The FY 2018-19 Adopted Budget includes grant funding for the following bureaus:

- ◆ Portland Bureau of Transportation: \$41.4 million
- ◆ Portland Bureau of Emergency Management: \$5.2 million
- ◆ Portland Housing Bureau: \$3.3 million
- ◆ Portland Parks & Recreation: \$2.2 million
- ◆ Bureau of Planning & Sustainability: \$1.3 million
- ◆ Portland Police Bureau: \$0.8 million
- ◆ Bureau of Environmental Services: \$0.2 million



	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	7,014	9,128	7,021	2,879	2,879	2,879
Total External Revenues	7,014	9,128	7,021	2,879	2,879	2,879
Fund Transfers - Revenue	38,172	0	0	0	0	0
Total Internal Revenues	38,172	0	0	0	0	0
Beginning Fund Balance	913,174	875,615	886,872	614,498	614,498	614,498
Total Resources	958,360	884,743	893,893	617,377	617,377	617,377
Requirements						
External Materials and Services	0	0	8,054	0	0	0
Internal Materials and Services	2,938	5,786	98,196	1,921	1,921	1,921
Capital Outlay	79,807	0	777,223	604,185	603,965	603,965
Total Bureau Expenditures	82,745	5,786	883,473	606,106	605,886	605,886
Contingency	0	0	0	296	0	0
Fund Transfers - Expense	0	9,131	10,420	10,975	11,491	11,491
Total Fund Expenditures	0	9,131	10,420	11,271	11,491	11,491
Ending Fund Balance	875,615	869,826	0	0	0	0
Total Requirements	958,360	884,743	893,893	617,377	617,377	617,377

Fund Overview

On November 7, 1998, the citizens of Portland authorized the sale of \$53.8 million in general obligation bonds to support a \$66.2 million program to improve the City's emergency facilities, including:

- ◆ Seismic upgrades to allow firefighters to effectively respond to an earthquake in the metropolitan area;
- ◆ Relocation and construction of new facilities to meet the goal of a four-minute response time to emergency calls;
- ◆ Renovation of facilities to be consistent with the evolving mission of Portland Fire & Rescue;
- ◆ Response to Americans with Disabilities Act accessibility requirements;
- ◆ Changes to fire stations for female firefighter accommodations; and
- ◆ Response to some emergency facilities approaching the end of their useful lives.

The program is complete. The remaining funds will be held in a materials and services account for funding Fire & Rescue capital facilities needs.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Significant Changes from Prior Year

In FY 2018-19, the balance of the fund will be placed in a materials and services account for future Fire & Rescue capital facilities projects.

Emergency Communication Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	363,394	387,912	375,749	496,000	496,000	496,000
Intergovernmental	7,642,515	7,520,869	7,912,526	8,167,575	8,167,575	8,185,110
Miscellaneous	14,417	41,849	10,000	20,000	20,000	20,000
Total External Revenues	8,020,326	7,950,630	8,298,275	8,683,575	8,683,575	8,701,110
Fund Transfers - Revenue	16,017,266	15,681,759	15,305,982	16,614,139	16,614,139	16,611,355
Total Internal Revenues	16,017,266	15,681,759	15,305,982	16,614,139	16,614,139	16,611,355
Beginning Fund Balance	1,527,998	1,973,782	1,587,046	1,251,301	1,251,301	1,251,301
Total Resources	25,565,590	25,606,171	25,191,303	26,549,015	26,549,015	26,563,766
Requirements						
Personnel Services	14,822,117	15,288,365	16,642,579	16,725,891	16,725,891	16,725,891
External Materials and Services	1,503,423	1,231,260	1,119,818	2,647,710	2,632,654	2,632,654
Internal Materials and Services	4,570,071	5,071,878	4,933,283	4,743,920	4,743,920	4,740,412
Capital Outlay	226,425	0	0	0	0	0
Total Bureau Expenditures	21,122,036	21,591,503	22,695,680	24,117,521	24,102,465	24,098,957
Debt Service	1,385,869	1,407,693	253,184	271,083	271,083	271,083
Contingency	0	0	706,420	1,178,401	1,148,814	1,167,073
Fund Transfers - Expense	1,083,903	1,019,929	1,536,019	982,010	1,026,653	1,026,653
Total Fund Expenditures	2,469,772	2,427,622	2,495,623	2,431,494	2,446,550	2,464,809
Ending Fund Balance	1,973,782	1,587,046	0	0	0	0
Total Requirements	25,565,590	25,606,171	25,191,303	26,549,015	26,549,015	26,563,766

Fund Overview

The Emergency Communication Fund is the operating fund for the Bureau of Emergency Communications. Expenditures are related to emergency 9-1-1 call-taking and dispatch as well as administrative support for these activities. Fund revenues include an annual transfer from the General Fund, State of Oregon 9-1-1 phone tax funds, and payments from other regional jurisdictions served by Emergency Communications. In addition to Portland, user jurisdictions include: Multnomah County and the Cities of Gresham, Troutdale, Fairview, Maywood Park, and Wood Village. Fund expenses include all Emergency Communications operating expenses.

Managing Agency Bureau of Emergency Communications

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	122,764,713	128,197,553	144,268,948	151,783,789	151,442,839	151,442,839
Charges for Services	44	44	0	0	0	0
Bond & Note	24,637,339	29,129,050	44,312,000	57,700,000	57,700,000	57,700,000
Miscellaneous	495,685	694,664	664,300	1,143,400	1,143,400	1,143,400
Total External Revenues	147,897,781	158,021,311	189,245,248	210,627,189	210,286,239	210,286,239
Fund Transfers - Revenue	0	0	750,000	750,000	750,000	750,000
Interagency Revenue	1,076,739	1,193,483	1,359,000	1,290,000	1,290,000	1,290,000
Total Internal Revenues	1,076,739	1,193,483	2,109,000	2,040,000	2,040,000	2,040,000
Beginning Fund Balance	17,717,432	13,633,435	9,058,579	12,179,404	12,179,404	12,179,404
Total Resources	166,691,952	172,848,229	200,412,827	224,846,593	224,505,643	224,505,643
Requirements						
Personnel Services	1,948,783	1,973,764	2,163,014	2,250,600	2,250,600	2,250,600
External Materials and Services	116,476,183	120,536,788	128,004,484	134,479,191	134,479,191	134,479,191
Internal Materials and Services	9,705,354	10,812,495	14,786,138	17,795,003	17,446,771	17,446,646
Capital Outlay	53,770	54,760	156,451	42,850	42,850	42,850
Total Bureau Expenditures	128,184,090	133,377,807	145,110,087	154,567,644	154,219,412	154,219,287
Debt Service	24,762,001	29,371,007	44,835,166	58,593,081	58,593,081	58,593,081
Contingency	0	0	9,547,196	10,774,000	10,774,000	10,774,125
Fund Transfers - Expense	112,426	310,028	920,378	911,868	919,150	919,150
Total Fund Expenditures	24,874,427	29,681,035	55,302,740	70,278,949	70,286,231	70,286,356
Ending Fund Balance	13,633,435	9,789,387	0	0	0	0
Total Requirements	166,691,952	172,848,229	200,412,827	224,846,593	224,505,643	224,505,643

Fund Overview

Chapter 5 of the Portland City Charter establishes the Fire & Police Disability & Retirement (FPDR) Fund for the sworn employees of Portland Fire & Rescue and the Portland Police Bureau, their surviving spouses, and their dependent minor children. The fund is supported primarily through a separate property tax levy originally authorized by the voters in 1948. The levy is a rate-based levy, providing a maximum rate of \$2.80 per \$1,000 of real market value.

Managing Agency Bureau of Fire & Police Disability & Retirement

Significant Changes from Prior Year

Net of tax anticipation notes - which artificially inflate the size of the budget because proceeds are received and repaid in the same fiscal year - total fund requirements for FY 2018-19 are \$166.8 million. This is an increase of \$10.7 million or 6.9% from the FY 2017-18 Revised Budget. External materials and services, which mainly consists of direct pension benefits to members (or their beneficiaries) hired before 2007, continues to increase as more members retire with higher final pay.

Contributions to the Oregon Public Employees Retirement System (PERS) on behalf of active members hired after 2006, the largest component of internal materials and services, continues to grow. This is due to new FPDR Three employees replacing retiring FPDR Two employees in the sworn workforce, PERS contribution rates, and salary increases. The capital budget, which is exclusively for upgrades to the FPDR database, will hover around \$45,000 a year as opportunities for additional utility continue to be identified.

FPDR fund contingency, which has been set at 7% of bureau requirements for FY 2018-19, is budgeted at \$10.8 million. This is an increase of \$0.7 million from FY 2017-18, when it was also set at 7%. Bureau requirements are forecast to grow over the next five years, and contingency will follow in step. Fund transfers show as higher in current and future years because FPDR always budgets a transfer from the FPDR Reserve Fund, but when the transfer is not required, it is not reflected in prior year actuals. Debt service (and the offsetting bond and note proceeds in revenues) reflect FPDR's annual issuance of tax anticipation notes (TANs) to cover cash flow needs until property tax revenues are received in mid-November each year. TANs are budgeted as 4.5 months of requirements, less beginning fund balance, and therefore grow as fund requirements grow.

Budgeted property tax collections will increase by \$7.2 million, or 5.0%, from the FY 2017-18 Revised Budget to the FY 2018-19 Adopted Budget. Since property taxes make up roughly 98% of FPDR's resources, taxes typically grow in accordance with fund requirements. However, tax collections are budgeted to grow less for FY 2018-19 because of a higher projected beginning fund balance than planned, the result of likely underspending on pension and disability benefits in the current fiscal year.

Despite growing requirements and the resulting need for more tax revenue, very strong growth in Portland real market values (RMV) over the last several years has driven the FPDR RMV property tax levy down to \$1.13 in FY 2017-18 as compared to \$1.14 in FY 2016-17 and \$1.30 in FY 2015-16. The FY 2018-19 forecast RMV levy rate sits at \$1.10, the nadir for the five-year forecast.

Interagency revenue is budgeted to drop in FY 2018-19, out of concern that reduced staffing levels will diminish the Police Bureau's capacity to take on third-party work; when the Fire or Police Bureaus contract out their services to other organizations, FPDR receives a portion of the overhead charges to offset pension and disability costs. Interagency revenue is expected to rebound in FY 2019-20 as Police staffing levels recover. Miscellaneous revenue, which is primarily interest income and subrogation revenue, is expected to grow as interest rates continue their rise after years of remaining at historic lows, and as FPDR's fund balance grows.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Total External Revenues	0	0	0	0	0	0
Fund Transfers - Revenue	0	0	750,000	750,000	750,000	750,000
Total Internal Revenues	0	0	750,000	750,000	750,000	750,000
Beginning Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
Total Resources	750,000	750,000	1,500,000	1,500,000	1,500,000	1,500,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Fund Transfers - Expense	0	0	750,000	750,000	750,000	750,000
Total Fund Expenditures	0	0	750,000	750,000	750,000	750,000
Ending Fund Balance	750,000	750,000	750,000	750,000	750,000	750,000
Total Requirements	750,000	750,000	1,500,000	1,500,000	1,500,000	1,500,000

Fund Overview

The Fire & Police Disability & Retirement (FPDR) Reserve Fund was established by City Charter and is to be maintained in the amount of \$750,000. The fund is for use only in the event the FPDR Fund becomes depleted to the extent that current obligations cannot be met. Interest income on the \$750,000 is booked directly to the FPDR Fund.

Managing Agency Bureau of Fire & Police Disability & Retirement

Fire & Police Supplemental Retirement Reserve Fund

Fund Summary

Public Safety Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	50	0	50	0	50	50
Total External Revenues	50	0	50	0	50	50
Fund Transfers - Revenue	0	6,344	54,000	0	0	0
Total Internal Revenues	0	6,344	54,000	0	0	0
Beginning Fund Balance	11,617	3,106	500	0	44,550	44,550
Total Resources	11,667	9,450	54,550	0	44,600	44,600
Requirements						
External Materials and Services	8,561	8,611	10,000	0	10,000	10,000
Total Bureau Expenditures	8,561	8,611	10,000	0	10,000	10,000
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	3,106	839	44,550	0	34,600	34,600
Total Requirements	11,667	9,450	54,550	0	44,600	44,600

Fund Overview

The Fire & Police Supplemental Retirement Reserve Fund was established by City Ordinance #138016 for the purpose of providing certain disability, service retirement, and death benefits for Bruce Baker, a former Chief of Police for the City of Portland. This supplemental trust was established in accordance with ORS 237.620 because Mr. Baker was not eligible for membership in, or benefits from, either the Fire and Police Disability and Retirement System or the Public Employees Retirement System.

Managing Agency City Budget Office

Significant Changes from Prior Year

The FY 2017-18 Adopted Budget included a transfer of \$54,000 from General Fund discretionary, and estimated beginning balance in FY 2018-19 totals \$44,550. Assuming 4% growth in the payment, the fund will have sufficient resources for four years, and will require an adjustment in FY 2021-22. If fund balance is no longer needed in future, any remaining resources will be transferred back to the General Fund.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	3,129,076	2,604,334	1,960,122	995,000	995,000	995,000
Miscellaneous	145,722	165,225	157,900	162,703	162,703	162,703
Total External Revenues	3,274,798	2,769,559	2,118,022	1,157,703	1,157,703	1,157,703
Fund Transfers - Revenue	2,776	0	0	0	0	0
Total Internal Revenues	2,776	0	0	0	0	0
Beginning Fund Balance	2,295,978	3,850,584	4,994,657	4,191,000	4,191,000	4,191,000
Total Resources	5,573,552	6,620,143	7,112,679	5,348,703	5,348,703	5,348,703
Requirements						
Personnel Services	139,951	232,151	233,430	190,617	190,617	190,617
External Materials and Services	599,374	987,600	6,111,572	5,158,086	5,158,086	5,158,086
Internal Materials and Services	940,753	530,934	450,452	0	0	0
Capital Outlay	42,890	0	100,000	0	0	0
Total Bureau Expenditures	1,722,968	1,750,685	6,895,454	5,348,703	5,348,703	5,348,703
Fund Transfers - Expense	0	0	217,225	0	0	0
Total Fund Expenditures	0	0	217,225	0	0	0
Ending Fund Balance	3,850,584	4,869,458	0	0	0	0
Total Requirements	5,573,552	6,620,143	7,112,679	5,348,703	5,348,703	5,348,703

Fund Overview

The Police Special Revenue Fund was established by City Council in May 2009. The purpose of the fund is to account for restricted or committed law enforcement revenues.

Revenues are received from other governments, donations, and interest on investments. Intergovernmental revenues are part of a local revenue sharing agreement between the City of Portland and the partnering agencies. Resources received from the Federal government are part of a cost-sharing formula governed by the U.S. Department of Justice. These revenues have strict spending guidelines and are subject to federal audit standards. State and local revenue cost sharing agreements have similar reporting and spending requirements.

Donations to the Portland Police Bureau are booked as revenue in the Police Special Revenue Fund. These include donations to the Gang Resistance Education and Training program, the Employee Assistance Program, and the WomanStrength and GirlStrength programs. Donation revenue is also received for restricted spending on other programs from time-to-time. Each of these programs receives annual donations, and expenditures are restricted to the respective programs. If the donation does not have a specific program or project identified, then the donation is put to general law enforcement expenditures.

The Regional Justice Information Network (RegJIN) is a law enforcement records management system operated by the City for the use of roughly 40 participating agencies across the five-county Portland metro area. Participating partner agencies pay fees for proportionate shares of RegJIN system expense, and those revenues and expenditures are accounted for within the Police Special Revenue fund.

Managing Agency Portland Police Bureau

Significant Changes from Prior Year

The FY 2018-19 Police Special Revenue Fund budget reflects a decrease in intergovernmental revenue compared to the current appropriation in FY 2017-18. This decrease in intergovernmental revenue is primarily due to declining participation in the RegJIN records management system and associated payments from other local jurisdictions. This revenue shortfall may require an offset of General Fund resources to cover the bureau's cost obligations for the RegJIN system.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	33,629	10,503	0	0	0	0
Miscellaneous	153,290	111,213	13,853	0	0	0
Total External Revenues	186,919	121,716	13,853	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	29,817,026	19,217,694	4,941,296	912,755	912,755	912,755
Total Resources	30,003,945	19,339,410	4,955,149	912,755	912,755	912,755
Requirements						
Personnel Services	276,424	224,705	0	0	0	0
External Materials and Services	3,623,431	8,392,257	1,500	0	0	0
Internal Materials and Services	950,624	909,028	65,156	0	0	0
Capital Outlay	5,716,897	4,569,075	3,266,700	756,927	752,868	752,868
Total Bureau Expenditures	10,567,376	14,095,065	3,333,356	756,927	752,868	752,868
Debt Service	16,775	0	0	0	0	0
Contingency	0	0	0	3,130	0	0
Fund Transfers - Expense	202,100	303,049	1,621,793	152,698	159,887	159,887
Total Fund Expenditures	218,875	303,049	1,621,793	155,828	159,887	159,887
Ending Fund Balance	19,217,694	4,941,296	0	0	0	0
Total Requirements	30,003,945	19,339,410	4,955,149	912,755	912,755	912,755

Fund Overview

On November 2, 2010, the citizens of Portland authorized the sale of \$72.4 million in general obligation bonds to support a \$104 million program to improve the City's public safety infrastructure, including:

- ◆ Replacement of fire apparatus
- ◆ Construction of a fire station
- ◆ Construction of an Emergency Coordination Center
- ◆ Replacement of the City's 800 MHz radio system

The Public Safety General Obligation Bond Fund was approved by Council in December 2010 to account for these projects.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Significant Changes from Prior Year

The replacement of fire apparatus is the program's only remaining project and will be completed by the end of FY 2018-19.



	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	8,600,437	7,699,502	9,371,891	8,902,204	8,902,204	8,902,204
Bond & Note	0	0	335,000	0	0	0
Miscellaneous	10,151	4,147	13,492	15,365	15,365	15,365
Total External Revenues	8,610,588	7,703,649	9,720,383	8,917,569	8,917,569	8,917,569
Fund Transfers - Revenue	0	800,000	0	0	0	0
Total Internal Revenues	0	800,000	0	0	0	0
Beginning Fund Balance	780,727	286,028	382,388	397,412	397,412	397,412
Total Resources	9,391,315	8,789,677	10,102,771	9,314,981	9,314,981	9,314,981
Requirements						
Personnel Services	3,859,322	3,547,988	3,673,044	2,879,502	2,879,502	2,879,502
External Materials and Services	4,234,471	3,885,970	4,329,308	4,195,445	4,195,445	4,195,543
Internal Materials and Services	520,314	351,870	701,558	758,589	758,589	758,491
Capital Outlay	10,041	0	335,000	0	0	0
Total Bureau Expenditures	8,624,148	7,785,828	9,038,910	7,833,536	7,833,536	7,833,536
Debt Service	185,969	205,321	269,230	357,495	357,495	357,495
Contingency	0	0	351,977	683,454	664,069	664,069
Fund Transfers - Expense	295,170	416,140	442,654	440,496	459,881	459,881
Total Fund Expenditures	481,139	621,461	1,063,861	1,481,445	1,481,445	1,481,445
Ending Fund Balance	286,028	382,388	0	0	0	0
Total Requirements	9,391,315	8,789,677	10,102,771	9,314,981	9,314,981	9,314,981

Fund Overview

The Golf Fund is an enterprise fund that accounts for all resources and requirements of the Portland Parks & Recreation Golf program.

The primary sources of revenue to the Golf Fund are the following:

- ◆ Revenues from contracts with concessionaires located at each of the City's golf courses. This includes revenues derived from food and beverage services, clothing and equipment sales, golf lessons, cart rental, and collection of greens fees.
- ◆ Greens fees are paid by golfers for each round of golf played - whether nine holes or eighteen holes.

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

Capital Improvement The capital project to redesign and improve the driving range and parking lot, as well as create a new revenue-generating event space at Colwood Golf Course, was completed in July 2017.

Operations

The FY 2018-19 Adopted Budget includes reduced personnel costs for three retirements: two golf superintendents and the golf director. None of these positions will be replaced, due to an organizational restructuring. These reductions in personnel will result in an anticipated \$800,000 savings for FY 2018-19.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	175,185	0	0	0	0	0
Charges for Services	21,651,362	30,438,000	28,000,000	12,000,000	12,000,000	12,000,000
Intergovernmental	958,657	88,738	0	0	0	0
Bond & Note	28,423,207	0	24,682,974	10,740,000	10,740,000	11,572,353
Miscellaneous	3,192,155	4,966,199	1,875,000	690,000	690,000	690,000
Total External Revenues	54,400,566	35,492,937	54,557,974	23,430,000	23,430,000	24,262,353
Fund Transfers - Revenue	4,037,027	11,280,823	2,907,742	2,304,036	5,071,547	5,071,547
Interagency Revenue	84,979	45,907	0	0	0	0
Total Internal Revenues	4,122,006	11,326,730	2,907,742	2,304,036	5,071,547	5,071,547
Beginning Fund Balance	45,629,720	89,018,850	100,810,885	122,874,179	122,874,179	122,874,179
Total Resources	104,152,292	135,838,517	158,276,601	148,608,215	151,375,726	152,208,079
Requirements						
Personnel Services	3,120,000	3,224,992	3,742,012	3,466,117	3,535,957	3,535,957
External Materials and Services	6,986,590	8,370,333	25,083,462	24,682,562	27,450,073	27,450,073
Internal Materials and Services	730,821	629,224	305,753	328,179	328,179	328,006
Capital Outlay	3,819,490	22,323,192	73,033,013	55,739,970	55,739,970	56,572,323
Total Bureau Expenditures	14,656,901	34,547,741	102,164,240	84,216,828	87,054,179	87,886,359
Debt Service	239,292	104,736	463,087	131,360	131,360	131,360
Contingency	0	0	55,202,931	63,740,427	63,646,898	63,647,071
Fund Transfers - Expense	237,249	375,155	446,343	519,600	543,289	543,289
Total Fund Expenditures	476,541	479,891	56,112,361	64,391,387	64,321,547	64,321,720
Ending Fund Balance	89,018,850	100,810,885	0	0	0	0
Total Requirements	104,152,292	135,838,517	158,276,601	148,608,215	151,375,726	152,208,079

Fund Overview

The Parks Capital Improvement Program Fund accounts for all capital resources and requirements for Portland Parks & Recreation with the exception of capital activity relating to two enterprise funds: the Golf Fund and the Portland International Raceway Fund.

Revenue Sources

The primary sources of revenue to the Parks Capital Improvement Program Fund include service charges and fees from our System Development Charges program; General Fund discretionary; local, state and federal grants; and the 2014 Parks Replacement Bond measure.

Project Selection and Prioritization

Capital projects are prioritized within the bureau's 20-year capital improvement program. PP&R's approach to asset investment decisions is evolving to include more data, with staff utilizing objective data such as from census, Level of Service Studies, and Condition Assessments to help inform a ranked shortlist.

The selection results are then validated by key internal stakeholders, considering factors such as legal compliance, ADA compliance, public support, alignment with city and bureau plans, equity, and human health and safety, and ultimately approved or edited by leadership through the public budget process.

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

The Parks Capital Improvement Program has not seen significant changes in the past year. The 2014 passage of the \$68 million replacement bond measure continues to help the bureau catch up on major maintenance. System Development Charges continue to bring in revenue to help address system capacity needs through new acquisitions or development. The following major projects were completed during the past year:

BOND PROJECTS COMPLETED

- ◆ Renovations: Argay Tennis Courts, Grant Pool, Rieke Field, Sellwood Bathhouse Roof, Matt Dishman Pool and Spa
- ◆ Loos: Colonel Summers Park, Wilkes Park, Parklane Park
- ◆ Lents Park Playground
- ◆ Washington Park Rose Garden Accessibility Improvements

CAPITAL PROJECTS COMPLETED

- ◆ Developed Parks: Luuwit View Park, Willamette Park Entry and Dog Off-Leash Area
- ◆ Synthetic Fields: Duniway Park, Lents Park, and Strasser at Delta Park
- ◆ Renovations: Colwood Golf Course, Mt. Tabor Yard Staff Facilities – PART 1, Washington Park West Parking Lot, Westmoreland Park – BES Culvert work

Work continues on projects, including but not limited to the following:

BOND PROJECTS IN PROCESS

- ◆ Restrooms: Bloomington Park, Ed Benedict Park, Mt. Tabor Summit, Raymond Park
- ◆ Playgrounds: Couch Park, Creston Park, Kenton Park, Lynchview Park, North Park Blocks, Ventura Park
- ◆ Bridges: Foley-Balmer Natural Area, Forest Park, Marshall Park, Springwater Trail
- ◆ Maintenance Facilities: Mt. Tabor Yard and Urban Forestry
- ◆ Renovations: Multnomah Arts Center Seismic, Peninsula Pool, Pioneer Courthouse Square, St. John's Community Center Roof and HVAC

CAPITAL PROJECTS IN PROCESS:

- ◆ Developed Parks: Errol Heights Park, Gateway Discovery Park, Leach Botanical Garden, Parklane Park, Spring Garden Park, Thomas Cully Park, Gateway Green
- ◆ Pathways: Mt. Tabor and Springwater Corridor
- ◆ Entryways: Whitaker Ponds, Forest Park
- ◆ Renovations: Halprin Fountains, Mt. Scott Community Center Roof Repair, Fernhill Park Splash Pad, Laurelhurst Handrail Installation

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	1,390	1,936	1,650	2,309	2,309	2,309
Total External Revenues	1,390	1,936	1,650	2,309	2,309	2,309
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	181,532	182,822	184,759	187,068	187,068	187,068
Total Resources	182,922	184,758	186,409	189,377	189,377	189,377
Requirements						
Personnel Services	0	0	750	750	750	750
External Materials and Services	100	0	22,192	22,111	22,111	22,111
Internal Materials and Services	0	0	775	775	775	775
Total Bureau Expenditures	100	0	23,717	23,636	23,636	23,636
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	182,822	184,758	162,692	165,741	165,741	165,741
Total Requirements	182,922	184,758	186,409	189,377	189,377	189,377

Fund Overview

The Parks Endowment Fund accounts for gifts, donations, and endowments of a permanent nature, whereby the donation principal is invested and interest earnings are available to support programs and services as directed by the funding donor. There are currently four endowments within the fund.

E.L. Beach Curbside Rose Award Trust

This endowment was established in 1975. Its purpose is to encourage planting and maintaining roses that will be visible to the public. An incentive system was established through awards and annual competitions, which are funded from the trust. Funds unspent in a given year are reinvested to increase fund balances.

Parks Maintenance Endowment

This endowment was established in FY 2002-03. Earnings are reinvested to increase the size of the endowment with the intent of eventually generating sufficient interest income to help maintain the parks system.

Washington Park Children's Playground Endowment

This endowment was established by a \$75,000 donation from the Portland Rotary Club with the goal of maintaining the playground in Washington Park.

The Dietz Fountain at Wallace Park Endowment

This endowment was established in FY 2003-04 with an original gift of \$4,500. Income from this endowment contributes toward maintenance of the Dietz Fountain.

Managing Agency

Portland Parks & Recreation

Parks Local Option Levy Fund

Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	897	768	2,076	0	0	0
Miscellaneous	5,115	7,022	5,000	0	0	0
Total External Revenues	6,012	7,790	7,076	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	667,865	673,877	656,980	251,000	251,000	251,000
Total Resources	673,877	681,667	664,056	251,000	251,000	251,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Fund Transfers - Expense	0	22,536	664,056	251,000	251,000	251,000
Total Fund Expenditures	0	22,536	664,056	251,000	251,000	251,000
Ending Fund Balance	673,877	659,131	0	0	0	0
Total Requirements	673,877	681,667	664,056	251,000	251,000	251,000

Fund Overview

The Parks Local Option Levy Fund was established following voter approval of the Parks Local Option Levy in November 2002. The purpose of the levy was to restore \$2.2 million in funding reductions made in FY 2002-03; provide access to recreational programs for children, families, and seniors; provide safe places to play; and restore, renovate, and continue to maintain the park system.

Resources in this fund are derived from property tax revenues and interest earnings. Fund requirements include costs associated with Portland Parks & Recreation programs and services.

The levy expired June 30, 2008; due to favorable interest rates, tax collections, and delays in capital improvements, the ending fund balance allowed for an additional year of program funding. Since FY 2008-09, Council has allocated \$5.4 million of ongoing General Fund resources to backfill the funding that had been provided by the levy.

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

The remainder of the Parks Local Option Levy Fund is planned for expenditure primarily to fund the PP&R Preschool Program following the elimination of ongoing General Fund discretionary for the program. The funds may be fully expended in FY 2017-18 or may extend into FY 2018-19 based on program funding needs.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	1,973,530	1,807,485	1,894,755	1,873,670	1,873,670	1,873,670
Miscellaneous	9,496	12,490	10,987	11,688	11,688	11,688
Total External Revenues	1,983,026	1,819,975	1,905,742	1,885,358	1,885,358	1,885,358
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	145,489	356,265	536,763	768,657	768,657	768,657
Total Resources	2,128,515	2,176,240	2,442,505	2,654,015	2,654,015	2,654,015
Requirements						
Personnel Services	805,735	757,158	795,332	864,138	864,138	864,138
External Materials and Services	458,178	338,293	560,178	460,736	460,736	460,760
Internal Materials and Services	129,981	121,640	119,285	115,579	115,579	115,555
Total Bureau Expenditures	1,393,894	1,217,091	1,474,795	1,440,453	1,440,453	1,440,453
Debt Service	310,574	318,913	41,930	269,972	269,972	269,972
Contingency	0	0	858,144	868,055	864,758	864,758
Fund Transfers - Expense	67,782	103,461	67,636	75,535	78,832	78,832
Total Fund Expenditures	378,356	422,374	967,710	1,213,562	1,213,562	1,213,562
Ending Fund Balance	356,265	536,775	0	0	0	0
Total Requirements	2,128,515	2,176,240	2,442,505	2,654,015	2,654,015	2,654,015

Fund Overview

The Portland International Raceway (PIR) Fund is the enterprise fund that accounts for all resources and requirements associated with management and operation of the PIR.

The primary sources of ongoing revenues to the PIR Fund are PIR facilities rental revenues, percentage of sales from the food and beverage contracted service provider, user group advertising and track sponsorship.

Managing Agency Portland Parks & Recreation

Significant Changes from Prior Year

Capital Improvement PP&R is currently developing a Request for Proposals for a capital project to repave the PIR South Paddock during FY 2018-19, with project completion expected in October 2018.

Operations PIR will host a Verizon IndyCar Series race on Labor Day weekend 2018. The event is anticipated to bring in more revenue to the facility, and have a significant economic impact to the city of Portland.

Portland Parks Memorial Trust Fund

Fund Summary

Parks, Recreation, & Culture Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	1,066,600	711,620	570,000	775,000	775,000	775,000
Charges for Services	3,172,833	3,287,614	3,247,379	3,303,000	3,303,000	3,303,000
Miscellaneous	760,212	873,805	551,095	696,205	696,205	696,205
Total External Revenues	4,999,645	4,873,039	4,368,474	4,774,205	4,774,205	4,774,205
Fund Transfers - Revenue	289,180	67,318	68,990	249,636	249,636	249,636
Total Internal Revenues	289,180	67,318	68,990	249,636	249,636	249,636
Beginning Fund Balance	5,058,301	7,092,150	7,553,366	10,695,622	10,695,622	10,695,622
Total Resources	10,347,126	12,032,507	11,990,830	15,719,463	15,719,463	15,719,463
Requirements						
Personnel Services	956,963	940,504	1,284,915	1,832,108	2,072,365	2,072,365
External Materials and Services	104,919	158,663	6,948,847	8,238,869	7,998,612	7,998,612
Internal Materials and Services	2,065,074	2,015,545	1,461,542	1,728,064	1,728,064	1,728,064
Capital Outlay	0	0	50,000	50,000	50,000	50,000
Total Bureau Expenditures	3,126,956	3,114,712	9,745,304	11,849,041	11,849,041	11,849,041
Contingency	0	0	1,390,576	3,688,822	3,688,822	3,688,822
Fund Transfers - Expense	128,020	1,383,900	854,950	181,600	181,600	181,600
Total Fund Expenditures	128,020	1,383,900	2,245,526	3,870,422	3,870,422	3,870,422
Ending Fund Balance	7,092,150	7,533,895	0	0	0	0
Total Requirements	10,347,126	12,032,507	11,990,830	15,719,463	15,719,463	15,719,463

Fund Overview

The Portland Parks Memorial Fund was established to receive grant revenue as well as donations from foundations, friends' organizations, neighborhood associations, and other entities. These funds often have restrictions related to the purpose and the period by which to use such funds.

Fund Requirements Resources within this fund are typically used for one-time expenditures for specific improvements or services, or for ongoing programs with resources coming from a specific revenue source. Individual grants or donations are managed in separate accounts within the fund, according to the provisions of the contract, grant, or donor agreement.

Managing Agency Portland Parks & Recreation

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	9,334,387	9,389,016	7,170,709	6,143,126	6,143,126	6,143,126
Intergovernmental	1,993,777	1,933,539	1,873,771	1,817,409	1,817,409	1,817,409
Miscellaneous	70,563	98,098	35,000	35,000	35,000	35,000
Total External Revenues	11,398,727	11,420,653	9,079,480	7,995,535	7,995,535	7,995,535
Interagency Revenue	0	55	0	0	0	0
Total Internal Revenues	0	55	0	0	0	0
Beginning Fund Balance	7,668,594	7,970,062	7,312,291	7,000,000	7,000,000	7,000,000
Total Resources	19,067,321	19,390,770	16,391,771	14,995,535	14,995,535	14,995,535
Requirements						
Personnel Services	358,814	379,665	480,970	480,790	480,790	480,790
External Materials and Services	2,966,388	5,052,945	4,977,421	3,542,464	3,542,464	3,542,464
Internal Materials and Services	502,369	185,269	421,981	315,561	315,561	314,381
Capital Outlay	374,433	1,803,114	3,500,000	2,457,000	2,457,000	2,457,000
Total Bureau Expenditures	4,202,004	7,420,993	9,380,372	6,795,815	6,795,815	6,794,635
Debt Service	6,690,787	4,524,078	2,842,128	3,441,592	3,441,592	3,441,592
Contingency	0	0	4,020,692	4,556,275	4,547,790	4,548,970
Fund Transfers - Expense	204,468	133,406	148,579	201,853	210,338	210,338
Total Fund Expenditures	6,895,255	4,657,484	7,011,399	8,199,720	8,199,720	8,200,900
Ending Fund Balance	7,970,062	7,312,293	0	0	0	0
Total Requirements	19,067,321	19,390,770	16,391,771	14,995,535	14,995,535	14,995,535

Fund Overview

The Spectator Venues & Visitor Activities Fund (SVVAF) is a self-sustaining enterprise fund established to provide oversight of City-owned spectator and performing arts facilities and to support City travel, tourism, and visitor development efforts. The fund accounts for resources and requirements for program activities and administration of the facilities. Additionally, it is responsible for City-obligated direct expenses at the City-owned facilities and debt service payments on certain obligations.

Major program activities include: facility operations, maintenance and repair, and capital improvements; financial planning and contract administration; special projects; and liaison activities among City bureaus, other governmental agencies, and private parties, including a broad range of organizations engaged in travel, tourism, and visitor development activities.

Rose Quarter

Rose Quarter facilities include: the Moda Center, Veterans Memorial (VMC) Coliseum, East/West Parking Garages, Plaza, Benton Lot, and Phase II Lot. The Moda Center is the home venue for the Portland Trail Blazers, a National Basketball Association franchise team. The VMC is the home venue for the Portland Winterhawks, a Western Hockey League franchise team. The Rose Quarter venues host a variety of other sports, entertainment, community, and arts/cultural events, as well as a variety of expositions, conferences, and trade shows. User fees and parking receipts from the Rose Quarter's venues account for over 75% of the annual projected revenue for the fund.

Providence Park	<p>Providence Park, a major league soccer facility since 2011, serves as the home venue for the Portland Timbers, a Major League Soccer franchise team; the Portland State Vikings, a National Collegiate Athletic Association affiliated football team; and the Portland Thorns, a National Women's Soccer League franchise team. The City's share of the 2011 renovation cost is being paid through 20-year bonds that are expected to be retired in FY 2026-27. Final payment on the 20-year bonds for the stadium's 2000 renovation will be made in FY 2022-23.</p> <p>A 25-year operating agreement with Peregrine Sports, LLC took effect on January 1, 2011, and provided the fund with a gradually increasing flow of revenue from user fees and license payments for the first seven-years of the agreement. Those payments significantly decrease in operating-year eight (calendar year 2018). FY 2017-18 was the last year in which any license payments were made to the City. In late 2017, City Council approved the final documents allowing a 4,000-seat expansion to the stadium. The \$50 million project will be paid for by Peregrine Sports and is expected to be completed in 2019. To help offset the cost of the project, certain limited-term exemptions on payments of surplus user fees owed to the City were granted to Peregrine Sports. Due to the exemptions, and the end of the license payments, the City will collect no revenue from the stadium until at least 2022. The City will not collect surplus user fees on the new expansion seats until 2026. The SVVAF continues to rely on net income from Rose Quarter operations to cover the City's obligated expenses to operate and maintain Providence Park and the associated debt service.</p>
Portland's Centers for the Arts	<p>In FY 2015-16, the Portland's Centers for the Arts venues were added to the SVVAF program portfolio. The Portland's venues, which are operated on the City's behalf by Metro, consist of three buildings: Keller Auditorium, Schnitzer Concert Hall, and Antoinette Hatfield Hall. SVVAF staff continue to work with Metro on a needs assessment for each building and plans to complete a detailed major maintenance and capital replacement plan for the Keller Auditorium in 2018. At this time, no specific commitment to participate in funding of capital needs at these facilities has been made by the City.</p>
Veterans Memorial Coliseum	<p>Based on a City Council decision in 2010, the SVVAF program, through the Rose Quarter's contracted operators, continues to operate the VMC as a spectator and event facility. The VMC Options Study, which was completed in August 2015, provided City Council with detailed cost estimates and business case analyses of five potential options for renovation of the VMC, as well as options to continue operating the facility in its current condition, close the facility, or deconstruct the building to create a redevelopment site. No specific next steps for this venue were identified for FY 2018-19.</p> <p>During FY 2016-17 and FY 2017-18, approximately \$5 million was expended from the SVVAF to address deferred maintenance, including a full roof replacement and repair to the fascia. In addition, modest upgrades were made to improve functional building elements, such as concessions, to enhance spectator experience.</p>
Managing Agency	Office of Management & Finance, Office of the Chief Administrative Officer

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2012 Series A JELD-WEN Field Project (Federally Taxable)						
04/24/2012 - Due 6/1	12,000,000					
		2018/19	0		405,488	405,488
		2019/20	0		405,488	405,488
		2020/21	0		405,488	405,488
		2021/22	0		405,488	405,488
		2022/23	0		405,488	405,488
		2023/24	2,855,000	3.25%	405,488	3,260,488
		2024/25	2,950,000	3.25%	312,700	3,262,700
		2025/26	3,045,000	3.50%	216,825	3,261,825
		2026/27	3,150,000	3.50%	110,250	3,260,250
		TOTAL	12,000,000		3,072,700	15,072,700
Limited Tax Revenue Refunding Bonds, Series 2013 (Stadium Project)						
12/11/2013 - Due 6/1	21,915,000					
		2018/19	2,606,000	3.27%	430,103	3,036,103
		2019/20	2,692,000	3.27%	344,887	3,036,887
		2020/21	2,780,000	3.27%	256,859	3,036,859
		2021/22	2,873,000	3.27%	165,953	3,038,953
		2022/23	2,202,000	3.27%	72,005	2,274,005
		TOTAL	13,153,000		1,269,806	14,422,806
COMBINED DEBT SERVICE						
	33,915,000					
		2018/19	2,606,000		835,591	3,441,591
		2019/20	2,692,000		750,374	3,442,374
		2020/21	2,780,000		662,346	3,442,346
		2021/22	2,873,000		571,440	3,444,440
		2022/23	2,202,000		477,493	2,679,493
		2023/24	2,855,000		405,488	3,260,488
		2024/25	2,950,000		312,700	3,262,700
		2025/26	3,045,000		216,825	3,261,825
		2026/27	3,150,000		110,250	3,260,250
TOTAL FUND DEBT SERVICE			25,153,000		4,342,506	29,495,506



	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	3,306,588	4,107,321	4,874,899	4,541,600	4,541,600	4,541,600
Intergovernmental	0	100,000	0	0	0	0
Miscellaneous	83,382	69,086	48,600	144,000	144,000	144,000
Total External Revenues	3,389,970	4,276,407	4,923,499	4,685,600	4,685,600	4,685,600
Fund Transfers - Revenue	400,000	0	0	0	0	0
Interagency Revenue	426,352	424,814	420,612	431,800	431,800	431,800
Total Internal Revenues	826,352	424,814	420,612	431,800	431,800	431,800
Beginning Fund Balance	3,097,550	3,706,639	4,690,600	8,716,000	8,716,000	8,716,000
Total Resources	7,313,872	8,407,860	10,034,711	13,833,400	13,833,400	13,833,400
Requirements						
Personnel Services	506,787	400,784	556,332	518,192	518,192	518,192
External Materials and Services	2,093,580	897,585	4,816,346	4,955,893	4,955,893	4,955,893
Internal Materials and Services	920,308	1,018,017	1,736,890	1,074,526	1,074,526	1,073,551
Total Bureau Expenditures	3,520,675	2,316,386	7,109,568	6,548,611	6,548,611	6,547,636
Debt Service	1,276	1,402	1,562	1,672	1,672	1,672
Contingency	0	0	2,800,210	7,184,663	7,180,040	7,181,015
Fund Transfers - Expense	85,282	117,686	123,371	98,454	103,077	103,077
Total Fund Expenditures	86,558	119,088	2,925,143	7,284,789	7,284,789	7,285,764
Ending Fund Balance	3,706,639	5,972,386	0	0	0	0
Total Requirements	7,313,872	8,407,860	10,034,711	13,833,400	13,833,400	13,833,400

Fund Overview

The Environmental Remediation Fund was established by City Council in FY 1993-94 to provide funding to remediate former solid waste disposal sites for which the City is liable.

Portland Harbor Superfund

Beginning in FY 2005-06, funding for the Portland Harbor Superfund program moved to the Environmental Remediation Fund with resources provided by a dedicated Portland Harbor charge on utility bills and supplemented by revenues from the fund. Including the Portland Harbor Superfund program within the fund is consistent with the purposes of the fund and distinguishes the program from the routine sewer system operations that are budgeted for, and funded within, the Sewer System Operating Fund.

Land Acquisition and Remediation of the Guilds Lake Property

The Guilds Lake property is a former landfill operated by the City from 1910 through the late 1940s. The acquisition and remediation of this site was financed by the Environmental Remediation 1993 Series A Revenue Bonds issued in November 1993. The Guilds Lake remediation was completed in FY 1994-95. Property management, maintenance, and environmental monitoring of the site are funded as required by the Department of Environmental Quality.

Lease income from current tenants on the City-owned Guilds Lake site supports the fund's operating and capital expenditures. This revenue source, along with the fund's interest earnings and cash transfers, are used for remediation projects and the Portland Harbor Superfund program.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Charges for Services are expected to decrease by \$333,000 in FY 2018-19, a drop of almost 7% over the FY 2017-18 Revised Budget of \$4.9 million. Rate revenues of \$4.0 million within Charges for Services will fund the majority of the Portland Harbor Superfund program. This represents a \$375,000 decrease from the FY 2017-18 Revised Budget of \$4.38 million to reflect the cash needs of the program. The FY 2018-19 beginning fund balance is projected to be \$4.0 million more when compared to the FY 2017-18 Revised Budget, of which \$1.1 million represents ODOT funds that were expected to be returned last fiscal year, but the agreement was renewed. In addition, miscellaneous revenues are projected to increase due to projected higher earnings rates on balances.

Personnel services expenditures are budgeted 6.9% lower than the FY 2017-18 Revised Budget, with corrections being made in the FY 2018-19 Requested Budget versus the FY 2017-18 Revised Budget. This phase of the Superfund program, after EPA released their Record of Decision, will include partnering with other government agencies and City bureaus, community outreach, and working with other potentially responsible parties.

External materials and services are budgeted at \$4.9 million, almost entirely for Portland Harbor Superfund work, which is \$140,000 (2.9%) higher than the FY 2017-18 Revised Budget.

Internal materials and services expenditures, when compared with the FY 2017-18 Revised Budget, decreased \$662,000 (-38.4%) as a \$900,000 project to replace the parking lot at the Guilds Lake property is expected to be completed in FY 2017-18.

In the FY 2018-19 Adopted Budget, Fund Transfer expenses for General Fund Overhead decreased nearly 19% over the FY 2017-18 Revised Budget.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	6,643	4,210	100	0	0	0
Total External Revenues	6,643	4,210	100	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	4,332,574	1,820,478	36,538	0	0	0
Total Resources	4,339,217	1,824,688	36,638	0	0	0
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	2,670,276	1,788,050	0	0	0	0
Fund Transfers - Expense	0	0	36,638	0	0	0
Total Fund Expenditures	2,670,276	1,788,050	36,638	0	0	0
Ending Fund Balance	1,668,941	36,638	0	0	0	0
Total Requirements	4,339,217	1,824,688	36,638	0	0	0

Fund Overview

The Hydroelectric Power Bond Redemption Fund was established to pay the debt service due on revenue bonds that were issued to finance construction of the Portland Hydroelectric Project (PHP). This fund was required by the prior PHP power sales agreement between the City and Portland General Electric.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

On October 1, 2016, the last of the outstanding Portland Hydroelectric Power Revenue Refunding Bonds, Series 2006 were paid off, and the residual assets for this fund are currently being held in an escrow account by the former Hydropower revenue bond trustee.

Hydroelectric Power Operating Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	837,481	886,808	2,210,000	2,261,677	2,261,677	2,261,677
Total External Revenues	837,481	886,808	2,210,000	2,261,677	2,261,677	2,261,677
Fund Transfers - Revenue	218,529	110,962	2,536,638	0	0	0
Interagency Revenue	52,978	72,927	72,500	52,500	52,500	52,500
Total Internal Revenues	271,507	183,889	2,609,138	52,500	52,500	52,500
Beginning Fund Balance	462,859	16,990	295,960	2,615,349	2,615,349	2,615,349
Total Resources	1,571,847	1,087,687	5,115,098	4,929,526	4,929,526	4,929,526
Requirements						
Personnel Services	419,044	347,540	332,563	355,780	355,780	355,780
External Materials and Services	286,999	284,722	3,518,630	2,055,560	2,055,560	2,055,560
Internal Materials and Services	111,416	110,027	238,143	206,737	206,737	206,711
Total Bureau Expenditures	817,459	742,289	4,089,336	2,618,077	2,618,077	2,618,051
Debt Service	21,781	23,931	26,657	28,543	28,543	28,543
Contingency	0	0	968,047	2,248,914	2,247,479	2,247,505
Fund Transfers - Expense	440,177	25,507	31,058	33,992	35,427	35,427
Total Fund Expenditures	461,958	49,438	1,025,762	2,311,449	2,311,449	2,311,475
Ending Fund Balance	292,430	295,960	0	0	0	0
Total Requirements	1,571,847	1,087,687	5,115,098	4,929,526	4,929,526	4,929,526

Fund Overview

The Hydroelectric Power Operating Fund supports the administration, operation, and monitoring of the Portland Hydroelectric Project (PHP) through the Portland Water Bureau's Hydroelectric Power Division. All expenditures needed to meet the City's responsibilities for PHP are paid by this fund.

Resources

The primary revenue source for this fund is power sales payments made to the City by Portland General Electric (PGE) for the purchase of electricity that is generated at PHP.

Managing Agency

Portland Water Bureau

Significant Changes from Prior Year

Power Purchase Agreement (PPA)

The City of Portland and PGE entered into a new Power Purchase Agreement (PPA) with PGE effective January 1, 2018. Under the new agreement, PHP makes an annual election based on the historical long term mean power sales volume. PHP made an election for 80% of the long term mean for calendar year 2018 and plans to make a similar election for calendar year 2019. All power sales that fulfill this election are valued at a pre-established contract price as part of the PPA. Any power sales outside of this specified election will be valued at current market prices.

Operating Contracts	The PPA does not address operating expenses related to PHP. As a result, PHP entered into contracts for operations and maintenance, transmission, scheduling, and consulting work. Under the previous power sales agreement these costs had been borne by PGE or shared with PHP.
Hydroelectric Reserve Account	In settling the previous power sales agreement, PHP anticipates \$2.4 million will be transferred from the Renewal and Replacement Fund to the Operating Fund. These funds will be placed in the Hydroelectric Reserve Account which is a newly created sub-fund. The account can be drawn down to cover operating expenses as needed throughout the life of the PPA.

Hydroelectric Power Renewal and Replacement Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	395,725	436,213	137,770	0	0	0
Total External Revenues	395,725	436,213	137,770	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	10,704,399	11,005,498	11,330,749	100,000	100,000	100,000
Total Resources	11,100,124	11,441,711	11,468,519	100,000	100,000	100,000
Requirements						
External Materials and Services	0	0	8,900,000	0	0	0
Total Bureau Expenditures	0	0	8,900,000	0	0	0
Contingency	0	0	68,519	100,000	100,000	100,000
Fund Transfers - Expense	218,529	110,962	2,500,000	0	0	0
Total Fund Expenditures	218,529	110,962	2,568,519	100,000	100,000	100,000
Ending Fund Balance	10,881,595	11,330,749	0	0	0	0
Total Requirements	11,100,124	11,441,711	11,468,519	100,000	100,000	100,000

Fund Overview

The Hydroelectric Power Renewal and Replacement Fund is a sinking fund for the Portland Hydroelectric Project (PHP). The fund provides resources for the repair and replacement of major equipment and facilities that become damaged or are in need of repair.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

In the settlement of the of the previous power sales agreement with Portland General Electric, PHP anticipates \$2.5 million will be the remaining fund balance. In FY 2017-18, \$2.4 million will be transferred to the Hydroelectric Reserve Account, leaving \$0.1 million in the Renewal and Replacement Fund. Funds will be transferred to the Renewal and Replacement Fund as power sales and operating expenses permit. There are no planned transfers to the Renewal and Replacement Fund in FY 2018-19.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	585,278	881,169	550,000	850,000	850,000	850,000
Bond & Note	2,095,078	1,217,280	220,000,000	0	0	0
Miscellaneous	832,837	530,171	1,000,000	2,000,000	2,000,000	2,000,000
Total External Revenues	3,513,193	2,628,620	221,550,000	2,850,000	2,850,000	2,850,000
Fund Transfers - Revenue	23,650,000	45,809,583	45,882,637	25,700,000	25,700,000	25,700,000
Total Internal Revenues	23,650,000	45,809,583	45,882,637	25,700,000	25,700,000	25,700,000
Beginning Fund Balance	144,557,819	88,334,508	15,000,000	188,700,000	188,700,000	188,700,000
Total Resources	171,721,012	136,772,711	282,432,637	217,250,000	217,250,000	217,250,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	2,097,634	1,212,648	1,500,000	0	0	0
Contingency	0	0	166,932,637	86,750,000	86,750,000	86,750,000
Fund Transfers - Expense	81,288,870	97,619,333	114,000,000	130,500,000	130,500,000	130,500,000
Total Fund Expenditures	83,386,504	98,831,981	282,432,637	217,250,000	217,250,000	217,250,000
Ending Fund Balance	88,334,508	37,940,730	0	0	0	0
Total Requirements	171,721,012	136,772,711	282,432,637	217,250,000	217,250,000	217,250,000

Fund Overview

The Sewer System Construction Fund receives revenues to fund sewer system capital projects. Direct expenditures for capital projects are budgeted within the Sewer System Operating Fund and reimbursed by the Sewer System Construction Fund. The primary resources for the capital program are proceeds from the sale of sewer system revenue bonds, transfers from the Sewer System Operating Fund for cash financing of capital improvements, and line and branch charges from new sewer connections.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

The beginning fund balance of \$188.7 million in FY 2018-19 (from \$15.0 million in FY 2017-18 Revised) reflects remaining cash and bond proceeds from the recent (May 2018) bond issue, and is available to fund the bureau's capital investment program until the next sale anticipated in the Spring of FY 2019-20.

Charges for services increased from \$550,000 to \$850,000 for line and branch charges.

Revenue from fund transfers are budgeted to be \$25.7 million, and consists of a \$25.0 million transfer from the Sewer System Operating Fund and a \$700,000 transfer from the Local Improvement District Fund from a special assessment bond sale. This is a sizeable decrease from the \$45.9 million in the FY 2017-18 Revised Budget, which included \$10.3 million to reflect the sale of the Terminal 1-North property in the summer of 2017 and \$10.6 million of additional available cash within the Sewer System Operating Fund.

Miscellaneous revenues of \$2.0 million in interest earnings are budgeted, double the amount budgeted FY 2017-18, are the result of higher assumed interest earnings rates in FY 2018-19 and higher balances after the latest bond sale. Bond and Note Proceeds return to \$0 with no bond sale scheduled.

Other cash transfer expenses of \$130.5 million reflect the reimbursement of the operating fund for CIP expenditures, an increase of \$16.5 million from FY 2017-18.

The contingency projection for FY 2018-19 is \$86.8 million, a 48.0% reduction from the FY 2017-18 Revised Budget, and reflects the balance of unspent bond proceeds and remaining non-bond cash.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Bond & Note	439,895,485	374,011,153	9,000,000	0	0	0
Miscellaneous	475,173	687,997	715,000	1,100,000	1,100,000	1,100,000
Total External Revenues	440,370,658	374,699,150	9,715,000	1,100,000	1,100,000	1,100,000
Fund Transfers - Revenue	172,556,297	168,138,783	170,872,265	180,625,000	180,625,000	180,625,000
Total Internal Revenues	172,556,297	168,138,783	170,872,265	180,625,000	180,625,000	180,625,000
Beginning Fund Balance	61,821,125	61,874,477	61,900,000	61,950,000	61,950,000	61,950,000
Total Resources	674,748,080	604,712,410	242,487,265	243,675,000	243,675,000	243,675,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	612,873,603	542,815,295	171,557,265	181,624,675	181,624,675	181,624,675
Debt Service Reserves	0	0	70,930,000	62,050,325	62,050,325	62,050,325
Total Fund Expenditures	612,873,603	542,815,295	242,487,265	243,675,000	243,675,000	243,675,000
Ending Fund Balance	61,874,477	61,897,115	0	0	0	0
Total Requirements	674,748,080	604,712,410	242,487,265	243,675,000	243,675,000	243,675,000

Fund Overview

The Sewer System Debt Redemption Fund pays the principal and interest on revenue bonds, notes, and state loans issued to finance sewer system improvements.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

The fund is managed on a cash basis with cash transfers from the Sewer System Operating Fund set to maintain a \$10,000 unrestricted ending cash balance plus any restricted cash balances that are required by bond and loan covenants. The bulk of the beginning fund balance is the result of cash reserves of \$58.9 million required by the sale of sewer system revenue bonds. These reserves are required to be maintained until the affiliated bonds are fully paid.

Fund transfer revenue increases about \$9.8 million, or 5.7%, in the FY 2018-19 Adopted Budget to fund additional debt payments resulting from the recent May 2018 bond sale. Bonds and note proceeds returns to zero as there are no sales budgeted in FY 2018-19. Miscellaneous revenues are projected to increase due to higher interest income, resulting from both higher balances and earnings rates.

Debt service expenditures for the FY 2018-19 Adopted Budget are \$181.6 million, an increase of \$10.1 million, or 5.9%, which includes new debt service on the 2018 bond issuance.

The total amount of sewer system debt outstanding at the beginning of the FY 2018-19 will be \$452.1 million for the first lien bonded debt and \$1.11 billion for subordinate lien bonded debt and loans.

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
First Lien Sewer System Revenue Bonds, 2014 Series A						
8/14/2014 - Due 10/1	86,165,000					
		2018/19	7,915,000	5.00%	3,035,875	10,950,875
		2019/20	8,320,000	5.00%	2,630,000	10,950,000
		2020/21	8,745,000	5.00%	2,203,375	10,948,375
		2021/22	9,190,000	5.00%	1,755,000	10,945,000
		2022/23	9,670,000	5.00%	1,283,500	10,953,500
		2023/24	10,155,000	5.00%	787,875	10,942,875
		2024/25	10,680,000	5.00%	267,000	10,947,000
		TOTAL	64,675,000		11,962,625	76,637,625
First Lien Sewer System Revenue Refunding Bonds, 2015 Series A						
8/27/2015 - Due 6/1	329,805,000					
		2018/19	52,450,000	5.00%	11,069,500	63,519,500
		2019/20	55,075,000	5.00%	8,447,000	63,522,000
		2020/21	47,000,000	5.00%	5,693,250	52,693,250
		2021/22	0	0.00%	3,343,250	3,343,250
		2022/23	0	0.00%	3,343,250	3,343,250
		2023/24	8,185,000	5.00%	3,343,250	11,528,250
		2024/25	8,600,000	5.00%	2,934,000	11,534,000
		2025/26	9,030,000	5.00%	2,504,000	11,534,000
		2026/27	9,475,000	3.00%	2,052,500	11,527,500
		2027/28	9,765,000	5.00%	1,768,250	11,533,250
		2028/29	10,250,000	4.00%	1,280,000	11,530,000
		2029/30	10,665,000	4.00%	870,000	11,535,000
		2030/31	11,085,000	4.00%	443,400	11,528,400
		TOTAL	231,580,000		47,091,650	278,671,650
First Lien Sewer System Revenue Refunding Bonds, 2016 Series A						
9/7/2016 - Due 6/15	156,650,000					
		2018/19	7,450,000	5.00%	6,048,075	13,498,075
		2019/20	7,820,000	5.00%	5,675,575	13,495,575
		2020/21	8,215,000	5.00%	5,284,575	13,499,575
		2021/22	8,620,000	5.00%	4,873,825	13,493,825
		2022/23	9,050,000	5.00%	4,442,825	13,492,825
		2023/24	9,500,000	5.00%	3,990,325	13,490,325
		2024/25	9,980,000	5.00%	3,515,325	13,495,325
		2025/26	10,480,000	5.00%	3,016,325	13,496,325
		2026/27	11,005,000	5.00%	2,492,325	13,497,325
		2027/28	11,550,000	2.00%	1,942,075	13,492,075
		2028/29	11,780,000	2.00%	1,711,075	13,491,075
		2029/30	12,020,000	3.00%	1,475,475	13,495,475
		2030/31	12,380,000	3.25%	1,114,875	13,494,875

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2031/32	12,780,000	3.00%	712,525	13,492,525
		2032/33	13,165,000	2.50%	329,125	13,494,125
		TOTAL	155,795,000		46,624,325	202,419,325
TOTAL - First Lien Sewer Bonds						
	572,620,000					
		2018/19	67,815,000		20,153,450	87,968,450
		2019/20	71,215,000		16,752,575	87,967,575
		2020/21	63,960,000		13,181,200	77,141,200
		2021/22	17,810,000		9,972,075	27,782,075
		2022/23	18,720,000		9,069,575	27,789,575
		2023/24	27,840,000		8,121,450	35,961,450
		2024/25	29,260,000		6,716,325	35,976,325
		2025/26	19,510,000		5,520,325	25,030,325
		2026/27	20,480,000		4,544,825	25,024,825
		2027/28	21,315,000		3,710,325	25,025,325
		2028/29	22,030,000		2,991,075	25,021,075
		2029/30	22,685,000		2,345,475	25,030,475
		2030/31	23,465,000		1,558,275	25,023,275
		2031/32	12,780,000		712,525	13,492,525
		2032/33	13,165,000		329,125	13,494,125
TOTAL FIRST LIEN SEWER REVENUE BONDS			452,050,000		105,678,600	557,728,600
Second Lien Sewer System Revenue Bonds, 2010 Series A						
8/19/2010 - Due 3/1	407,850,000					
		2018/19	12,690,000	5.00%	15,172,575	27,862,575
		2019/20	13,330,000	5.00%	14,538,075	27,868,075
		2020/21	13,990,000	4.00%	13,871,575	27,861,575
		2021/22	14,550,000	4.00%	13,311,975	27,861,975
		2022/23	15,140,000	4.00%	12,729,975	27,869,975
		2023/24	15,740,000	4.25%	12,124,375	27,864,375
		2024/25	16,410,000	4.25%	11,455,425	27,865,425
		2025/26	17,110,000	5.00%	10,758,000	27,868,000
		2026/27	17,960,000	5.00%	9,902,500	27,862,500
		2027/28	18,860,000	5.00%	9,004,500	27,864,500
		2028/29	19,800,000	5.00%	8,061,500	27,861,500
		2029/30	20,790,000	5.00%	7,071,500	27,861,500
		2030/31	21,830,000	5.00%	6,032,000	27,862,000
		2031/32	22,930,000	5.00%	4,940,500	27,870,500
		2032/33	24,070,000	5.00%	3,794,000	27,864,000
		2033/34	25,270,000	5.00%	2,590,500	27,860,500
		2034/35	26,540,000	5.00%	1,327,000	27,867,000

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		TOTAL	317,010,000		156,685,975	473,695,975
Second Lien Sewer System Revenue & Refunding Bonds, 2013 Series A						
9/17/2013 - Due 8/1	210,965,000					
		2018/19	7,105,000	5.00%	8,946,775	16,051,775
		2019/20	7,470,000	5.00%	8,582,400	16,052,400
		2020/21	7,860,000	5.00%	8,199,150	16,059,150
		2021/22	8,260,000	5.00%	7,796,150	16,056,150
		2022/23	8,685,000	5.00%	7,372,525	16,057,525
		2023/24	13,250,000	5.00%	6,824,150	20,074,150
		2024/25	6,190,000	5.00%	6,338,150	12,528,150
		2025/26	6,510,000	5.00%	6,020,650	12,530,650
		2026/27	6,840,000	5.00%	5,686,900	12,526,900
		2027/28	7,160,000	4.00%	5,372,700	12,532,700
		2028/29	7,450,000	4.00%	5,080,500	12,530,500
		2029/30	7,795,000	5.00%	4,736,625	12,531,625
		2030/31	8,195,000	5.00%	4,336,875	12,531,875
		2031/32	8,615,000	5.00%	3,916,625	12,531,625
		2032/33	9,055,000	5.00%	3,474,875	12,529,875
		2033/34	9,520,000	5.00%	3,010,500	12,530,500
		2034/35	10,010,000	5.00%	2,522,250	12,532,250
		2035/36	10,525,000	5.00%	2,008,875	12,533,875
		2036/37	11,060,000	5.00%	1,469,250	12,529,250
		2037/38	11,630,000	5.00%	902,000	12,532,000
		2038/39	12,225,000	5.00%	305,625	12,530,625
		TOTAL	185,410,000		102,903,550	288,313,550
Second Lien Sewer System Revenue Bonds, 2014 Series B						
8/14/2014 - Due 10/1	204,220,000					
		2018/19	5,185,000	5.00%	7,887,175	13,072,175
		2019/20	5,450,000	5.00%	7,621,300	13,071,300
		2020/21	5,730,000	5.00%	7,341,800	13,071,800
		2021/22	6,025,000	5.00%	7,047,925	13,072,925
		2022/23	6,330,000	5.00%	6,739,050	13,069,050
		2023/24	6,655,000	5.00%	6,414,425	13,069,425
		2024/25	7,000,000	5.00%	6,073,050	13,073,050
		2025/26	7,355,000	5.00%	5,714,175	13,069,175
		2026/27	7,735,000	5.00%	5,336,925	13,071,925
		2027/28	8,050,000	3.00%	5,022,800	13,072,800
		2028/29	8,295,000	3.00%	4,777,625	13,072,625
		2029/30	8,590,000	4.00%	4,481,400	13,071,400
		2030/31	8,940,000	4.00%	4,130,800	13,070,800
		2031/32	9,305,000	4.00%	3,765,900	13,070,900

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2032/33	9,685,000	4.00%	3,386,100	13,071,100
		2033/34	10,080,000	4.00%	2,990,800	13,070,800
		2034/35	10,490,000	4.00%	2,579,400	13,069,400
		2035/36	10,920,000	4.00%	2,151,200	13,071,200
		2036/37	11,365,000	4.00%	1,705,500	13,070,500
		2037/38	11,830,000	4.00%	1,241,600	13,071,600
		2038/39	12,310,000	4.00%	758,800	13,068,800
		2039/40	12,815,000	4.00%	256,300	13,071,300
		TOTAL	190,140,000		97,424,050	287,564,050

Second Lien Sewer System Revenue Refunding Bonds, 2015 Series B**8/27/2015 - Due 6/1**

63,300,000

		2018/19	3,590,000	5.00%	2,310,050	5,900,050
		2019/20	3,770,000	5.00%	2,130,550	5,900,550
		2020/21	3,450,000	5.00%	1,942,050	5,392,050
		2021/22	1,000,000	5.00%	1,769,550	2,769,550
		2022/23	1,000,000	5.00%	1,719,550	2,719,550
		2023/24	4,230,000	5.00%	1,669,550	5,899,550
		2024/25	4,445,000	5.00%	1,458,050	5,903,050
		2025/26	4,665,000	5.00%	1,235,800	5,900,800
		2026/27	4,895,000	5.00%	1,002,550	5,897,550
		2027/28	5,145,000	5.00%	757,800	5,902,800
		2028/29	5,400,000	3.00%	500,550	5,900,550
		2029/30	5,560,000	3.00%	338,550	5,898,550
		2030/31	5,725,000	3.00%	171,750	5,896,750
		TOTAL	52,875,000		17,006,350	69,881,350

Second Lien Sewer System Revenue Refunding Bonds, 2016 Series B**9/7/2016 - Due 6/15**

162,465,000

		2018/19	6,630,000	5.00%	7,739,331	14,369,331
		2019/20	6,075,000	5.00%	7,407,831	13,482,831
		2020/21	6,730,000	5.00%	7,104,081	13,834,081
		2021/22	59,960,000	5.00%	6,767,581	66,727,581
		2022/23	62,980,000	5.00%	3,769,581	66,749,581
		2023/24	1,605,000	5.00%	620,581	2,225,581
		2024/25	1,690,000	4.00%	540,331	2,230,331
		2025/26	1,760,000	4.00%	472,731	2,232,731
		2026/27	1,825,000	4.00%	402,331	2,227,331
		2027/28	1,895,000	5.00%	329,331	2,224,331
		2028/29	1,990,000	2.00%	234,581	2,224,581
		2029/30	2,030,000	2.13%	194,781	2,224,781
		2030/31	2,080,000	2.25%	151,644	2,231,644
		2031/32	2,125,000	2.38%	104,844	2,229,844

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2032/33	2,175,000	2.50%	54,375	2,229,375
		TOTAL	161,550,000		35,893,938	197,443,938
Second Lien Sewer Revenue Bonds, 2018 Series A						
5/3/2018 - May 1	191,930,000					
		2018/19	5,930,000	5.00%	8,957,284	14,887,284
		2019/20	6,180,000	5.00%	8,710,825	14,890,825
		2020/21	6,490,000	5.00%	8,401,825	14,891,825
		2021/22	6,815,000	5.00%	8,077,325	14,892,325
		2022/23	7,155,000	5.00%	7,736,575	14,891,575
		2023/24	7,515,000	5.00%	7,378,825	14,893,825
		2024/25	7,890,000	5.00%	7,003,075	14,893,075
		2025/26	8,285,000	5.00%	6,608,575	14,893,575
		2026/27	8,700,000	5.00%	6,194,325	14,894,325
		2027/28	9,135,000	5.00%	5,759,325	14,894,325
		2028/29	9,590,000	4.50%	5,302,575	14,892,575
		2029/30	10,020,000	4.50%	4,871,025	14,891,025
		2030/31	10,470,000	4.50%	4,420,125	14,890,125
		2031/32	10,945,000	4.50%	3,948,975	14,893,975
		2032/33	11,435,000	4.50%	3,456,450	14,891,450
		2033/34	11,950,000	4.50%	2,941,875	14,891,875
		2034/35	12,490,000	4.50%	2,404,125	14,894,125
		2035/36	13,050,000	4.50%	1,842,075	14,892,075
		2036/37	13,635,000	4.50%	1,254,825	14,889,825
		2037/38	14,250,000	4.50%	641,250	14,891,250
		TOTAL	191,930,000		105,911,259	297,841,259
TOTAL - Second Lien Sewer Bonds						
	1,240,730,000					
		2018/19	41,130,000		51,013,191	92,143,191
		2019/20	42,275,000		48,990,981	91,265,981
		2020/21	44,250,000		46,860,481	91,110,481
		2021/22	96,610,000		44,770,506	141,380,506
		2022/23	101,290,000		40,067,256	141,357,256
		2023/24	48,995,000		35,031,906	84,026,906
		2024/25	43,625,000		32,868,081	76,493,081
		2025/26	45,685,000		30,809,931	76,494,931
		2026/27	47,955,000		28,525,531	76,480,531
		2027/28	50,245,000		26,246,456	76,491,456
		2028/29	52,525,000		23,957,331	76,482,331
		2029/30	54,785,000		21,693,881	76,478,881
		2030/31	57,240,000		19,243,194	76,483,194
		2031/32	53,920,000		16,676,844	70,596,844

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2032/33	56,420,000		14,165,800	70,585,800
		2033/34	56,820,000		11,533,675	68,353,675
		2034/35	59,530,000		8,832,775	68,362,775
		2035/36	34,495,000		6,002,150	40,497,150
		2036/37	36,060,000		4,429,575	40,489,575
		2037/38	37,710,000		2,784,850	40,494,850
		2038/39	24,535,000		1,064,425	25,599,425
		2039/40	12,815,000		256,300	13,071,300
TOTAL SECOND LIEN SEWER REVENUE BONDS			1,098,915,000		515,825,122	1,614,740,122
Department of Environmental Quality - Clean Water Loan #R74163						
Due - 8/1 & 2/1	2,326,248					
		2018/19	123,570	1.00%	9,932	133,502
		2019/20	124,809	1.00%	8,693	133,502
		2020/21	126,060	1.00%	7,442	133,502
		2021/22	127,324	1.00%	6,178	133,502
		2022/23	128,601	1.00%	4,901	133,502
		2023/24	129,890	1.00%	3,612	133,502
		2024/25	131,192	1.00%	2,310	133,502
		2025/26	132,525	1.00%	995	133,520
		TOTAL	1,023,971		44,063	1,068,034
Department of Environmental Quality - Clean Water Loan #R74164						
Due - 8/1 & 2/1	6,404,380					
		2018/19	352,898	1.00%	28,362	381,260
		2019/20	356,435	1.00%	24,825	381,260
		2020/21	360,008	1.00%	21,252	381,260
		2021/22	363,617	1.00%	17,643	381,260
		2022/23	367,263	1.00%	13,997	381,260
		2023/24	370,945	1.00%	10,315	381,260
		2024/25	374,664	1.00%	6,596	381,260
		2025/26	378,411	1.00%	2,840	381,251
		TOTAL	2,924,241		125,830	3,050,071
Department of Environmental Quality - Clean Water Loan #R74165						
Due - 12/1 & 6/1	4,158,000					
		2018/19	211,118	1.00%	16,968	228,086
		2019/20	213,235	1.00%	14,851	228,086
		2020/21	215,373	1.00%	12,713	228,086
		2021/22	217,532	1.00%	10,554	228,086
		2022/23	219,712	1.00%	8,374	228,086
		2023/24	221,915	1.00%	6,171	228,086
		2024/25	224,139	1.00%	3,947	228,086

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2025/26	226,392	1.00%	1,699	228,091
		TOTAL	1,749,416		75,277	1,824,693
Department of Environmental Quality - Clean Water Loan #R74167						
Due - 12/1 & 6/1	4,272,068					
		2018/19	222,589	1.00%	19,091	241,680
		2019/20	224,819	1.00%	16,861	241,680
		2020/21	227,074	1.00%	14,606	241,680
		2021/22	229,350	1.00%	12,330	241,680
		2022/23	231,649	1.00%	10,031	241,680
		2023/24	233,971	1.00%	7,709	241,680
		2024/25	236,317	1.00%	5,363	241,680
		2025/26	238,686	1.00%	2,994	241,680
		2026/27	120,238	1.00%	601	120,839
		TOTAL	1,964,693		89,586	2,054,279
Department of Environmental Quality - Clean Water Loan #R74168						
Due - 12/1 & 6/1	1,482,454					
		2018/19	77,180	1.00%	6,620	83,800
		2019/20	77,954	1.00%	5,846	83,800
		2020/21	78,735	1.00%	5,065	83,800
		2021/22	79,524	1.00%	4,276	83,800
		2022/23	80,322	1.00%	3,478	83,800
		2023/24	81,127	1.00%	2,673	83,800
		2024/25	81,940	1.00%	1,860	83,800
		2025/26	82,762	1.00%	1,038	83,800
		2026/27	41,694	1.00%	208	41,902
		TOTAL	681,238		31,064	712,302
Department of Environmental Quality - Clean Water Loan #R74169						
Due - 4/1 & 10/1	1,149,012					
		2018/19	60,166	1.00%	4,836	65,002
		2019/20	60,770	1.00%	4,232	65,002
		2020/21	61,379	1.00%	3,623	65,002
		2021/22	61,994	1.00%	3,008	65,002
		2022/23	62,616	1.00%	2,386	65,002
		2023/24	63,244	1.00%	1,758	65,002
		2024/25	63,877	1.00%	1,125	65,002
		2025/26	64,519	1.00%	485	65,004
		TOTAL	498,565		21,453	520,018
Department of Environmental Quality - Clean Water Loan #R74170						
Due - 4/1 & 10/1	5,534,000					
		2018/19	288,339	1.00%	24,731	313,070
		2019/20	291,229	1.00%	21,841	313,070

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	294,149	1.00%	18,921	313,070
		2021/22	297,097	1.00%	15,973	313,070
		2022/23	300,076	1.00%	12,994	313,070
		2023/24	303,084	1.00%	9,986	313,070
		2024/25	306,123	1.00%	6,947	313,070
		2025/26	309,191	1.00%	3,879	313,070
		2026/27	155,762	1.00%	779	156,541
		TOTAL	2,545,050		116,051	2,661,101

Department of Environmental Quality - Clean Water Loan #R74171**Due - 8/1 & 2/1**

1,057,365

		2018/19	52,828	1.00%	7,164	59,992
		2019/20	53,357	1.00%	6,635	59,992
		2020/21	53,892	1.00%	6,100	59,992
		2021/22	54,432	1.00%	5,560	59,992
		2022/23	54,977	1.00%	5,015	59,992
		2023/24	55,529	1.00%	4,463	59,992
		2024/25	56,086	1.00%	3,906	59,992
		2025/26	56,648	1.00%	3,344	59,992
		2026/27	57,216	1.00%	2,776	59,992
		2027/28	57,790	1.00%	2,202	59,992
		2028/29	58,369	1.00%	1,623	59,992
		2029/30	58,953	1.00%	1,039	59,992
		2030/31	59,565	1.00%	447	60,012
		TOTAL	729,642		50,274	779,916

Department of Environmental Quality - Clean Water Loan #R74172**Due - 2/1 & 8/1**

100,000

		2018/19	5,104	2.72%	1,538	6,642
		2019/20	5,244	2.72%	1,398	6,642
		2020/21	5,388	2.72%	1,254	6,642
		2021/22	5,535	2.72%	1,107	6,642
		2022/23	5,686	2.72%	956	6,642
		2023/24	5,842	2.72%	800	6,642
		2024/25	6,002	2.72%	640	6,642
		2025/26	6,166	2.72%	476	6,642
		2026/27	6,335	2.72%	307	6,642
		2027/28	6,507	2.72%	133	6,640
		TOTAL	57,809		8,609	66,418

TOTAL - Third Lien Debt

26,483,527

		2018/19	1,393,792		119,242	1,513,034
		2019/20	1,407,852		105,182	1,513,034

Sewer System Debt Redemption Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	1,422,058		90,976	1,513,034
		2021/22	1,436,405		76,629	1,513,034
		2022/23	1,450,902		62,132	1,513,034
		2023/24	1,465,547		47,487	1,513,034
		2024/25	1,480,340		32,694	1,513,034
		2025/26	1,495,300		17,750	1,513,050
		2026/27	381,245		4,671	385,916
		2027/28	64,297		2,335	66,632
		2028/29	58,369		1,623	59,992
		2029/30	58,953		1,039	59,992
		2030/31	59,565		447	60,012
TOTAL THIRD LIEN DEBT			12,174,625		562,207	12,736,832
COMBINED DEBT SERVICE						
	1,839,833,527					
		2018/19	110,338,792		71,285,883	181,624,675
		2019/20	114,897,852		65,848,738	180,746,590
		2020/21	109,632,058		60,132,657	169,764,715
		2021/22	115,856,405		54,819,210	170,675,615
		2022/23	121,460,902		49,198,963	170,659,865
		2023/24	78,300,547		43,200,843	121,501,390
		2024/25	74,365,340		39,617,100	113,982,440
		2025/26	66,690,300		36,348,006	103,038,306
		2026/27	68,816,245		33,075,027	101,891,272
		2027/28	71,624,297		29,959,116	101,583,413
		2028/29	74,613,369		26,950,029	101,563,398
		2029/30	77,528,953		24,040,395	101,569,348
		2030/31	80,764,565		20,801,916	101,566,481
		2031/32	66,700,000		17,389,369	84,089,369
		2032/33	69,585,000		14,494,925	84,079,925
		2033/34	56,820,000		11,533,675	68,353,675
		2034/35	59,530,000		8,832,775	68,362,775
		2035/36	34,495,000		6,002,150	40,497,150
		2036/37	36,060,000		4,429,575	40,489,575
		2037/38	37,710,000		2,784,850	40,494,850
		2038/39	24,535,000		1,064,425	25,599,425
		2039/40	12,815,000		256,300	13,071,300
TOTAL FUND DEBT SERVICE			1,563,139,625		622,065,929	2,185,205,554

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	1,908,089	2,248,626	2,420,000	2,157,000	2,157,000	2,157,000
Charges for Services	342,677,073	365,102,907	381,936,172	384,837,008	385,137,008	385,137,008
Intergovernmental	167,009	209,077	195,000	195,000	195,000	195,000
Miscellaneous	2,170,588	1,724,432	12,642,500	1,969,000	1,969,000	1,969,000
Total External Revenues	346,922,759	369,285,042	397,193,672	389,158,008	389,458,008	389,458,008
Fund Transfers - Revenue	83,913,999	98,752,841	119,209,143	135,700,000	135,700,000	135,700,000
Interagency Revenue	1,119,694	1,388,251	2,771,332	2,182,876	2,182,876	2,182,876
Total Internal Revenues	85,033,693	100,141,092	121,980,475	137,882,876	137,882,876	137,882,876
Beginning Fund Balance	64,739,985	65,201,984	71,180,000	76,180,000	76,180,000	76,180,000
Total Resources	496,696,437	534,628,118	590,354,147	603,220,884	603,520,884	603,520,884
Requirements						
Personnel Services	62,611,468	63,868,793	70,018,811	74,346,131	74,346,131	74,346,131
External Materials and Services	57,651,113	54,970,231	70,884,373	69,716,189	70,016,189	70,016,189
Internal Materials and Services	37,921,981	37,950,977	44,701,473	44,001,776	44,001,776	43,995,432
Capital Outlay	42,676,570	56,018,594	76,883,370	95,473,260	95,473,260	95,473,260
Total Bureau Expenditures	200,861,132	212,808,595	262,488,027	283,537,356	283,837,356	283,831,012
Debt Service	2,921,212	3,195,000	3,544,030	3,782,788	3,782,788	3,782,788
Contingency	0	0	67,316,700	73,335,860	73,039,196	73,045,540
Fund Transfers - Expense	227,712,109	252,071,480	256,825,390	242,384,880	242,681,544	242,681,544
Debt Service Reserves	0	0	180,000	180,000	180,000	180,000
Total Fund Expenditures	230,633,321	255,266,480	327,866,120	319,683,528	319,683,528	319,689,872
Ending Fund Balance	65,201,984	66,553,043	0	0	0	0
Total Requirements	496,696,437	534,628,118	590,354,147	603,220,884	603,520,884	603,520,884

Fund Overview

The purpose of the Sewer System Operating Fund is to account for revenues and expenses associated with the development, maintenance, and operation of the City's sanitary sewer and storm drainage system. Fund resources include sewer and drainage charges, connection charges and permit fees, wholesale contract revenues from other governmental jurisdictions, reimbursements for services provided to other bureaus, and reimbursements from the Sewer System Construction Fund for capital improvement program (CIP) expenses.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Resources Charges for services revenue - which includes sewer rate revenues, connection charges, wholesale contract revenues, and other miscellaneous charges - are forecast to increase to \$385.1 million in FY 2018-19, an increase of 0.8% over the FY 2017-18 revenue of \$381.9 million.

The bureau's largest source of revenue, sewer rate revenues, are budgeted at \$348.0 million, a \$12 million increase over FY 2017-18 Revised Budget. The FY 2018-19 projection is based on the following assumptions: an average single family residential bill increase of 2.35%, an increase of 0.5% in the number of customer accounts, a 1.0% decrease in usage per single-family residential customer, a 0.75% decrease in multi-family volume, and a 1.0% decrease in commercial volume. System development charges are projected to be \$29.0 million in FY 2018-19, a decrease from the FY 2017-18 Revised Budget of \$39.0 million. This reflects a projected slowing of the strong construction-sector economy.

Miscellaneous sources are budgeted at \$2.0 million, reflecting a large decrease from the FY 2017-18 Revised Budget of \$12.6 million. The prior year figure included \$11.1 million for the sale of the Terminal 1-North property in July 2017. Other miscellaneous revenues are expected to increase, including interest earnings, while revenue from licenses, permits and interagency revenue are budgeted to decrease due to projected reduction in construction permits and requests for service from other City bureaus. Beginning fund balance is expected to increase \$5.0 million over the FY 2017-18 amount of \$71.2 million.

Requirements

Personnel services increased 6.2% as compared to the FY 2017-18 Revised Budget. The Adopted Budget has a net increase of 17.0 FTE.

The external materials and services budget decreased by \$0.9 million, about 1.2%, the net of an increase of \$2.2 million for operating expenses and a decrease of \$3.1 million within the CIP. The Adopted Budget includes adjustments for approved decision packages, increased utility franchise fees from \$16.9 million to \$17.6 million, \$556,100 in reductions to offset these requests, and nearly \$700,000 of base budget reductions within external materials and services.

Internal materials and services decreased by \$706,041, or 1.6%. This is a result of a \$978,000 reduction in survey services provided by the Portland Bureau of Transportation (PBOT), a reduction of \$1.3 million for various information technology and facility services costs, and offset by increases of nearly \$950,000 in sewer and drainage maintenance services. As a result, internal materials and services within the operating program are decreasing by \$215,971 compared to the FY 2017-18 Revised Budget, while the CIP is decreasing by \$490,070.

Capital outlay is \$95.5 million in the FY 2018-19 Adopted Budget relative to \$76.9 million in the FY 2017-18 Revised Budget, reflecting an increase of \$21.6 million in CIP capital outlay, and a \$3.0 million decrease in operating equipment and vehicle purchases. The bureau continues to refine its reinvestment strategy for the collection and treatment systems to enhance capacity, maintenance and reliability.

Cash Transfers and General Fund Overhead

Cash transfers to other funds are budgeted at \$242.7 million for FY 2018-19, compared to the FY 2017-18 Revised Budget of \$256.8 million. The transfer for the General Fund overhead allocation will increase by 7.1%, or \$6.6 million, compared to \$6.2 million in the FY 2017-18 Revised Budget. Transfers to the Sewer System Debt Redemption Fund are budgeted at \$180.6 million, up \$9.7 million from the FY 2017-18 Revised Budget of \$170.9 million, due to the recent sale of sewer system revenue bonds in May, 2018. Transfers to the Sewer System Construction Fund and

cash contributions to the CIP, are budgeted at \$25.0 million in FY 2018-19, compared to the FY 2017-18 Revised Budget of \$45.9 million. Transfers to the Sewer Rate Stabilization Fund are budgeted at \$30.0 million in FY 2018-19, down from \$34.0 million in the FY 2017-18 Revised Budget. Other transfers include \$450,000 to the Pension Bonds Debt Fund.

Contingency, which is equivalent to estimated ending fund balance, is budgeted at \$73.0 million, of which \$2.0 million is reserved for the Salary Adjustment Set-aside. Of this full contingency amount, nearly \$68 million consists of estimated non-cash receivables not truly available for expenditures.

Sewer System Rate Stabilization Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	387,813	801,733	1,400,000	2,400,000	2,400,000	2,400,000
Total External Revenues	387,813	801,733	1,400,000	2,400,000	2,400,000	2,400,000
Fund Transfers - Revenue	25,100,000	31,500,000	34,000,000	30,000,000	30,000,000	30,000,000
Total Internal Revenues	25,100,000	31,500,000	34,000,000	30,000,000	30,000,000	30,000,000
Beginning Fund Balance	51,663,657	75,666,584	108,000,000	138,150,000	138,150,000	138,150,000
Total Resources	77,151,470	107,968,317	143,400,000	170,550,000	170,550,000	170,550,000
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	138,400,000	165,550,000	165,550,000	165,550,000
Fund Transfers - Expense	1,484,886	0	5,000,000	5,000,000	5,000,000	5,000,000
Total Fund Expenditures	1,484,886	0	143,400,000	170,550,000	170,550,000	170,550,000
Ending Fund Balance	75,666,584	107,968,317	0	0	0	0
Total Requirements	77,151,470	107,968,317	143,400,000	170,550,000	170,550,000	170,550,000

Fund Overview

The Sewer System Rate Stabilization Fund was created in 1987 to enable the Bureau of Environmental Services to smooth the forecasted rate increases by managing fluctuations in sewer system revenues over several years. To calculate debt service coverage ratios, the bureau's master bond ordinance requires that transfers from Sewer System Operating Fund to this fund are treated as operating expenditures; conversely, transfers to the operating fund from this fund are treated as operating revenues. Fund balances were built up from FY 2002-03 through FY 2007-08 and drawn down through FY 2012-13 to offset rate increases associated with financing construction of the Eastside Combined Sewer Overflow Tunnel. Since then, balances in the fund have grown to better align with financial best practices for comparably sized sewer/stormwater utilities.

Managing Agency Bureau of Environmental Services

Significant Changes from Prior Year

Fund transfer revenues are budgeted at \$30.0 million from the Sewer System Operating Fund, a decrease from \$34.0 million budgeted in FY 2017-18, due in part to a one-time reduction of the typical single-family bill increase from 3.0% to 2.35% and lower estimated system development charge (SDCs) revenues, which in turn require lower transfers to balance debt service coverage ratios. These funds will be available to reduce future rate increases.

Miscellaneous revenues, which are comprised of interest earnings, are budgeted at \$2.4 million due to increased cash balances, as shown in the FY 2018-19 Beginning Fund Balance of \$138.2 million, and higher interest earnings rates on city funds.

Fund transfer expenses are budgeted at \$5.0 million to the Sewer System Operating Fund, the same as the FY 2017-18 Revised Budget. Budgeting for transfers both to and from the Sewer System Operating Fund allows the flexibility to respond to the uncertainties of either economic upturn or downturn in sewer system revenues and early call provisions on sewer system debt. Finally, Contingency (a proxy for ending funding balance) is budgeted to be \$165.6 million, and are forecast to be used to reduce future rate increases.

Solid Waste Management Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	2,857,780	2,883,600	2,995,133	3,110,704	3,110,704	3,110,704
Charges for Services	2,635,349	3,055,968	3,002,909	4,372,595	4,372,595	4,372,595
Intergovernmental	21,085	0	0	0	0	0
Miscellaneous	63,216	64,204	83,439	108,624	108,624	108,624
Total External Revenues	5,577,430	6,003,772	6,081,481	7,591,923	7,591,923	7,591,923
Interagency Revenue	7,000	7,000	5,000	5,000	5,000	5,000
Total Internal Revenues	7,000	7,000	5,000	5,000	5,000	5,000
Beginning Fund Balance	3,191,859	3,443,914	3,811,791	4,118,672	4,118,672	4,118,672
Total Resources	8,776,289	9,454,686	9,898,272	11,715,595	11,715,595	11,715,595
Requirements						
Personnel Services	2,296,035	2,228,643	2,491,577	2,546,831	2,546,831	2,546,831
External Materials and Services	1,220,225	1,170,124	1,354,136	2,218,705	2,218,705	2,218,705
Internal Materials and Services	1,583,235	1,606,091	1,840,957	2,736,609	2,736,609	2,736,609
Total Bureau Expenditures	5,099,495	5,004,858	5,686,670	7,502,145	7,502,145	7,502,145
Debt Service	55,265	60,721	67,638	72,419	72,419	72,419
Contingency	0	0	68,293	121,292	112,593	112,593
Fund Transfers - Expense	177,615	192,583	193,194	193,723	202,422	202,422
Total Fund Expenditures	232,880	253,304	329,125	387,434	387,434	387,434
Ending Fund Balance	3,443,914	4,196,524	3,882,477	3,826,016	3,826,016	3,826,016
Total Requirements	8,776,289	9,454,686	9,898,272	11,715,595	11,715,595	11,715,595

Fund Overview

The Solid Waste Management Fund accounts for expenses and revenues associated with the City's oversight of solid waste collection activities in Portland and the City's efforts to reduce the amount of solid waste and increase recycling and composting. The fund supports the bureau's Solid Waste and Recycling, Green Building, and Sustainable Education and Assistance programs. Revenue sources for the Solid Waste Management Fund include residential franchise, commercial tonnage, and permit fees.

Managing Agency Bureau of Planning & Sustainability

Significant Changes from Prior Year

Commercial Tonnage Fee Increase Starting in FY 2018-19, the commercial tonnage fee charged assessed on each ton of waste collected by commercial solid waste haulers will increase from \$9.60 per ton to \$12.60 per ton. This increase is estimated to raise Solid Waste Management Fund revenue by \$1 million, which will support the Office of Management and Finance, Homeless and Urban Camping Impact Reduction Program (HUCIRP).

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Bond & Note	0	90,104,866	7,017,000	6,533,000	6,531,000	6,505,000
Miscellaneous	282,863	369,966	313,512	564,322	564,322	564,322
Total External Revenues	282,863	90,474,832	7,330,512	7,097,322	7,095,322	7,069,322
Fund Transfers - Revenue	50,582,777	53,266,912	55,452,790	55,868,868	55,868,118	55,858,868
Total Internal Revenues	50,582,777	53,266,912	55,452,790	55,868,868	55,868,118	55,858,868
Beginning Fund Balance	36,863,089	36,874,429	31,468,627	31,351,200	31,351,200	31,351,200
Total Resources	87,728,729	180,616,173	94,251,929	94,317,390	94,314,640	94,279,390
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	50,854,300	149,147,547	55,766,302	58,071,377	58,070,627	58,061,377
Debt Service Reserves	0	0	38,368,200	36,246,013	36,244,013	36,218,013
Total Fund Expenditures	50,854,300	149,147,547	94,134,502	94,317,390	94,314,640	94,279,390
Ending Fund Balance	36,874,429	31,468,626	117,427	0	0	0
Total Requirements	87,728,729	180,616,173	94,251,929	94,317,390	94,314,640	94,279,390

Fund Overview

The Water Bond Sinking Fund pays for principal and interest on revenue bonds issued to finance water system improvements. The bond reserve accounts are maintained in the Water Bond Sinking Fund.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

The primary resource in the FY 2018-19 budget is a transfer from the Water Fund of \$55.9 million to pay for debt service. A bond reserve account of \$6.5 million is planned with the bond sale planned for December 2018.

Debt Service will increase in FY 2018-19 as a result of the planned December 2018 bond sale. The planned bond sale for FY 2017-18 will not occur reducing planned reserves by \$7.0 million, and \$0.1 million of additional interest earnings will be utilized for debt service in FY 2017-18. Additionally, excess bond reserves of \$1.6 million will be utilized for debt service in FY 2018-19. These decreases will be offset by the \$6.5 million reserve requirement for the December 2018 bond sale, resulting in Debt Service Reserves decreasing \$2.2 million.

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
First Lien Water System Revenue and Refunding Bonds, 2010 Series A						
02/11/10 - Due 5/1	73,440,000					
		2018/19	2,430,000	5.00%	2,394,625	4,824,625
		2019/20	2,550,000	4.00%	2,273,125	4,823,125
		2020/21	2,655,000	4.00%	2,171,125	4,826,125
		2021/22	2,760,000	4.00%	2,064,925	4,824,925
		2022/23	2,870,000	4.00%	1,954,525	4,824,525
		2023/24	2,985,000	4.00%	1,839,725	4,824,725
		2024/25	3,105,000	4.00%	1,720,325	4,825,325
		2025/26	3,230,000	4.00%	1,596,125	4,826,125
		2026/27	3,355,000	4.00%	1,466,925	4,821,925
		2027/28	3,490,000	4.00%	1,332,725	4,822,725
		2028/29	3,630,000	4.00%	1,193,125	4,823,125
		2029/30	3,775,000	4.00%	1,047,925	4,822,925
		2030/31	3,925,000	4.00%	896,925	4,821,925
		2031/32	4,085,000	4.25%	739,925	4,824,925
		2032/33	4,260,000	4.25%	566,313	4,826,313
		2033/34	4,440,000	4.25%	385,263	4,825,263
		2034/35	4,625,000	4.25%	196,563	4,821,563
		TOTAL	58,170,000		23,840,189	82,010,189
First Lien Water System Revenue Bonds, 2011 Series A						
03/22/11 - Due 5/1	82,835,000					
		2018/19	2,580,000	5.00%	3,076,388	5,656,388
		2019/20	2,710,000	5.00%	2,947,388	5,657,388
		2020/21	2,845,000	4.00%	2,811,888	5,656,888
		2021/22	2,960,000	4.00%	2,698,088	5,658,088
		2022/23	3,075,000	4.00%	2,579,688	5,654,688
		2023/24	3,200,000	4.00%	2,456,688	5,656,688
		2024/25	3,330,000	4.00%	2,328,688	5,658,688
		2025/26	3,460,000	4.00%	2,195,488	5,655,488
		2026/27	3,600,000	4.00%	2,057,088	5,657,088
		2027/28	3,745,000	4.00%	1,913,088	5,658,088
		2028/29	3,895,000	4.25%	1,763,288	5,658,288
		2029/30	4,060,000	4.50%	1,597,750	5,657,750
		2030/31	4,240,000	4.50%	1,415,050	5,655,050
		2031/32	4,430,000	5.00%	1,224,250	5,654,250
		2032/33	4,655,000	5.00%	1,002,750	5,657,750
		2033/34	4,885,000	5.00%	770,000	5,655,000
		2034/35	5,130,000	5.00%	525,750	5,655,750
		2035/36	5,385,000	5.00%	269,250	5,654,250
		TOTAL	68,185,000		33,632,568	101,817,568

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
First Lien Water System Revenue Bonds, 2012 Series A						
08/02/2012 - Due 4/1	76,510,000					
		2018/19	2,390,000	5.00%	2,091,988	4,481,988
		2019/20	2,510,000	5.00%	1,972,488	4,482,488
		2020/21	2,635,000	5.00%	1,846,988	4,481,988
		2021/22	2,765,000	3.00%	1,715,238	4,480,238
		2022/23	2,850,000	3.00%	1,632,288	4,482,288
		2023/24	2,935,000	3.00%	1,546,788	4,481,788
		2024/25	3,020,000	3.00%	1,458,738	4,478,738
		2025/26	3,110,000	3.00%	1,368,138	4,478,138
		2026/27	3,205,000	3.00%	1,274,838	4,479,838
		2027/28	3,300,000	3.00%	1,178,688	4,478,688
		2028/29	3,400,000	3.00%	1,079,688	4,479,688
		2029/30	3,505,000	3.00%	977,688	4,482,688
		2030/31	3,610,000	3.00%	872,538	4,482,538
		2031/32	3,715,000	3.00%	764,238	4,479,238
		2032/33	3,825,000	3.00%	652,788	4,477,788
		2033/34	3,940,000	3.25%	538,038	4,478,038
		2034/35	4,070,000	3.25%	409,988	4,479,988
		2035/36	4,205,000	3.25%	277,713	4,482,713
		2036/37	4,340,000	3.25%	141,050	4,481,050
		TOTAL	63,330,000		21,799,909	85,129,909
First Lien Water System Revenue Bonds, 2014 Series A						
12/16/2014 - Due 5/1	84,975,000					
		2018/19	2,275,000	5.00%	3,080,275	5,355,275
		2019/20	2,385,000	5.00%	2,966,525	5,351,525
		2020/21	2,505,000	5.00%	2,847,275	5,352,275
		2021/22	2,630,000	5.00%	2,722,025	5,352,025
		2022/23	2,760,000	5.00%	2,590,525	5,350,525
		2023/24	2,900,000	5.00%	2,452,525	5,352,525
		2024/25	3,045,000	3.00%	2,307,525	5,352,525
		2025/26	3,135,000	3.00%	2,216,175	5,351,175
		2026/27	3,230,000	5.00%	2,122,125	5,352,125
		2027/28	3,390,000	4.00%	1,960,625	5,350,625
		2028/29	3,530,000	3.00%	1,825,025	5,355,025
		2029/30	3,635,000	4.00%	1,719,125	5,354,125
		2030/31	3,780,000	4.00%	1,573,725	5,353,725
		2031/32	3,930,000	4.00%	1,422,525	5,352,525
		2032/33	4,085,000	4.00%	1,265,325	5,350,325
		2033/34	4,250,000	4.00%	1,101,925	5,351,925
		2034/35	4,420,000	4.00%	931,925	5,351,925

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2035/36	4,600,000	4.00%	755,125	5,355,125
		2036/37	4,780,000	4.00%	571,125	5,351,125
		2037/38	4,975,000	3.50%	379,925	5,354,925
		2038/39	5,145,000	4.00%	205,800	5,350,800
		TOTAL	75,385,000		37,017,150	197,532,059

First Lien Water System Revenue and Refunding Bonds, 2016 Series A

12/15/2016 - Due 4/1

168,525,000

		2018/19	10,895,000	5.00%	6,901,000	17,796,000
		2019/20	11,435,000	5.00%	6,356,250	17,791,250
		2020/21	12,015,000	5.00%	5,784,500	17,799,500
		2021/22	5,135,000	5.00%	5,183,750	10,318,750
		2022/23	5,390,000	5.00%	4,927,000	10,317,000
		2023/24	5,665,000	5.00%	4,657,500	10,322,500
		2024/25	5,945,000	5.00%	4,374,250	10,319,250
		2025/26	6,240,000	5.00%	4,077,000	10,317,000
		2026/27	6,555,000	4.00%	3,765,000	10,320,000
		2027/28	6,820,000	4.00%	3,502,800	10,322,800
		2028/29	7,090,000	4.00%	3,230,000	10,320,000
		2029/30	7,375,000	4.00%	2,946,400	10,321,400
		2030/31	7,665,000	4.00%	2,651,400	10,316,400
		2031/32	7,975,000	4.00%	2,344,800	10,319,800
		2032/33	8,290,000	4.00%	2,025,800	10,315,800
		2033/34	8,625,000	4.00%	1,694,200	10,319,200
		2034/35	4,270,000	4.00%	1,349,200	5,619,200
		2035/36	4,440,000	4.00%	1,178,400	5,618,400
		2036/37	4,620,000	4.00%	1,000,800	5,620,800
		2037/38	4,805,000	4.00%	816,000	5,621,000
		2038/39	4,995,000	4.00%	623,800	5,618,800
		2039/40	5,195,000	4.00%	424,000	5,619,000
		2040/41	5,405,000	4.00%	216,200	5,621,200
		TOTAL	156,845,000		70,030,050	226,875,050

First Lien Water System Revenue and Refunding Bonds, 2018 Series A - proposed

Date - TBD

91,860,000

		2018/19	-	5.00%	2,292,001	2,292,000
		TOTAL	-		2,292,001	2,292,000

TOTAL - First Lien Water System Revenue Bonds

578,145,000

		2018/19	20,570,000		19,836,277	40,406,277
		2019/20	21,590,000		16,515,776	38,105,776
		2020/21	22,655,000		15,461,776	38,116,776
		2021/22	16,250,000		14,384,026	30,634,026

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2022/23	16,945,000		13,684,026	30,629,026
		2023/24	17,685,000		12,953,226	30,638,226
		2024/25	18,445,000		12,189,526	30,634,526
		2025/26	19,175,000		11,452,926	30,627,926
		2026/27	19,945,000		10,685,976	30,630,976
		2027/28	20,745,000		9,887,926	30,632,926
		2028/29	21,545,000		9,091,126	30,636,126
		2029/30	22,350,000		8,288,888	30,638,888
		2030/31	23,220,000		7,409,638	30,629,638
		2031/32	24,135,000		6,495,738	30,630,738
		2032/33	25,115,000		5,512,976	30,627,976
		2033/34	26,140,000		4,489,426	30,629,426
		2034/35	22,515,000		3,413,426	25,928,426
		2035/36	18,630,000		2,480,488	21,110,488
		2036/37	13,740,000		1,712,975	15,452,975
		2037/38	9,780,000		1,195,925	10,975,925
		2038/39	10,140,000		829,600	10,969,600
		3039/40	5,195,000		424,000	5,619,000
		2040/41	5,405,000		216,200	5,621,200
TOTAL FIRST LIEN WATER REVENUE BONDS			421,915,000		188,611,867	610,526,867
Second Lien Water System Revenue Bonds, 2013 Series A						
05/02/2013 - Due 10/1	253,635,000					
		2018/19	9,000,000	4.33%	8,655,100	17,655,100
		2019/20	9,410,000	4.36%	8,254,850	17,664,850
		2020/21	9,840,000	4.70%	7,818,600	17,658,600
		2021/22	11,450,000	4.74%	7,316,350	18,766,350
		2022/23	12,030,000	5.00%	6,744,350	18,774,350
		2023/24	12,635,000	4.76%	6,142,725	18,777,725
		2024/25	8,945,000	5.00%	5,618,225	14,563,225
		2025/26	9,405,000	5.00%	5,159,475	14,564,475
		2026/27	9,885,000	5.00%	4,677,225	14,562,225
		2027/28	10,395,000	5.00%	4,170,225	14,565,225
		2028/29	10,815,000	3.00%	3,748,125	14,563,125
		2029/30	11,200,000	4.00%	3,361,900	14,561,900
		2030/31	11,650,000	4.00%	2,904,900	14,554,900
		2031/32	12,145,000	4.17%	2,419,000	14,564,000
		2032/33	7,925,000	4.25%	1,997,600	9,922,600
		2033/34	8,275,000	4.37%	1,648,250	9,923,250
		2034/35	8,630,000	4.00%	1,294,800	9,924,800
		2035/36	8,980,000	4.00%	942,600	9,922,600

Water Bond Sinking Fund

Debt Summary

Public Utilities Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2036/37	9,345,000	4.00%	576,100	9,921,100
		2037/38	9,730,000	4.00%	194,600	9,924,600
TOTAL SECOND LIEN WATER REVENUE BONDS			201,690,000		83,645,000	285,335,000
COMBINED DEBT SERVICE						
	831,780,000					
		2018/19	29,570,000		28,491,377	58,061,377
		2019/20	31,000,000		24,770,626	55,770,626
		2020/21	32,495,000		23,280,376	55,775,376
		2021/22	27,700,000		21,700,376	49,400,376
		2022/23	28,975,000		20,428,376	49,403,376
		2023/24	30,320,000		19,095,951	49,415,951
		2024/25	27,390,000		17,807,751	45,197,751
		2025/26	28,580,000		16,612,401	45,192,401
		2026/27	29,830,000		15,363,201	45,193,201
		2027/28	31,140,000		14,058,151	45,198,151
		2028/29	32,360,000		12,839,251	45,199,251
		2029/30	33,550,000		11,650,788	45,200,788
		2030/31	34,870,000		10,314,538	45,184,538
		2031/32	36,280,000		8,914,738	45,194,738
		2032/33	33,040,000		7,510,576	40,550,576
		2033/34	34,415,000		6,137,676	40,552,676
		2034/35	31,145,000		4,708,226	35,853,226
		2035/36	27,610,000		3,423,088	31,033,088
		2036/37	23,085,000		2,289,075	25,374,075
		2037/38	19,510,000		1,390,525	20,900,525
		2038/39	10,140,000		829,600	10,969,600
		2039/40	5,195,000		424,000	5,619,000
		2040/41	5,405,000		216,200	5,621,200
TOTAL FUND DEBT SERVICE			623,605,000		272,256,867	895,861,867

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	4,555,202	5,540,949	3,250,000	4,000,000	4,000,000	4,000,000
Bond & Note	0	93,284,958	91,878,000	85,547,000	85,519,000	85,175,000
Miscellaneous	629,197	1,186,422	525,404	942,072	942,210	942,575
Total External Revenues	5,184,399	100,012,329	95,653,404	90,489,072	90,461,210	90,117,575
Fund Transfers - Revenue	41,492,317	31,507,992	44,129,077	32,674,115	32,714,115	32,729,115
Total Internal Revenues	41,492,317	31,507,992	44,129,077	32,674,115	32,714,115	32,729,115
Beginning Fund Balance	88,351,143	65,349,065	121,817,230	87,792,983	87,792,983	87,792,983
Total Resources	135,027,859	196,869,386	261,599,711	210,956,170	210,968,308	210,639,673
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	17,902,015	0	0	0
Fund Transfers - Expense	69,678,794	75,052,156	122,770,175	146,704,926	146,704,746	146,362,526
Total Fund Expenditures	69,678,794	75,052,156	140,672,190	146,704,926	146,704,746	146,362,526
Ending Fund Balance	65,349,065	121,817,230	120,927,521	64,251,244	64,263,562	64,277,147
Total Requirements	135,027,859	196,869,386	261,599,711	210,956,170	210,968,308	210,639,673

Fund Overview

The Water Construction Fund is the capital fund of the Portland Water Bureau. This fund pays for equipment and capital expenditures for the water system, including ongoing capital repair and replacement, enhancements, and large and nonrecurring additions to the system.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

Revenue bond sales are planned for December 2018 and will provide funding of \$85.2 million to fund capital projects. The Water Fund will transfer \$32.7 million to the Water Construction Fund to fund capital projects, a decrease of \$11.4 million from the FY 2017-18 Revised Budget.

The Water Construction Fund will transfer \$146.4 million to reimburse the Water Fund for direct and indirect capital costs, an increase of \$23.6 million from the FY 2017-18 Revised Budget.

Water Fund

Fund Summary

Public Utilities Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	168,252,384	169,393,921	177,566,927	190,435,287	190,434,966	189,905,167
Intergovernmental	657,696	551,743	526,000	526,000	526,000	526,000
Miscellaneous	1,754,975	2,494,569	1,576,612	2,159,343	2,157,570	2,152,193
Total External Revenues	170,665,055	172,440,233	179,669,539	193,120,630	193,118,536	192,583,360
Fund Transfers - Revenue	69,713,794	75,956,178	126,845,422	148,520,126	148,519,946	148,177,726
Interagency Revenue	3,179,359	2,934,952	3,300,458	3,413,608	3,477,617	3,477,617
Total Internal Revenues	72,893,153	78,891,130	130,145,880	151,933,734	151,997,563	151,655,343
Beginning Fund Balance	74,897,562	81,956,259	93,376,754	94,184,964	94,184,964	94,184,964
Total Resources	318,455,770	333,287,622	403,192,173	439,239,328	439,301,063	438,423,667
Requirements						
Personnel Services	60,500,631	62,338,078	70,363,293	75,024,989	75,956,296	76,128,296
External Materials and Services	27,003,702	29,166,218	39,163,836	41,937,645	42,722,374	42,695,350
Internal Materials and Services	20,081,872	20,105,702	23,388,590	23,564,107	21,887,613	21,880,304
Capital Outlay	28,166,834	33,545,590	40,884,781	97,246,038	97,246,001	96,916,025
Total Bureau Expenditures	135,753,039	145,155,588	173,800,500	237,772,779	237,812,284	237,619,975
Debt Service	2,951,515	3,796,319	4,255,681	4,470,180	4,470,000	4,467,780
Contingency	0	0	119,667,276	102,828,069	102,575,803	101,887,186
Fund Transfers - Expense	97,794,957	90,958,961	105,468,716	94,168,300	94,442,976	94,448,726
Total Fund Expenditures	100,746,472	94,755,280	229,391,673	201,466,549	201,488,779	200,803,692
Ending Fund Balance	81,956,259	93,376,754	0	0	0	0
Total Requirements	318,455,770	333,287,622	403,192,173	439,239,328	439,301,063	438,423,667

Fund Overview

The Water Fund is the operating fund of the Portland Water Bureau. With the exception of debt service, all expenditures in this fund are for operation, maintenance, and capital assets. Receipts from the sale of water are the primary revenue source for the Water Fund.

Managing Agency Portland Water Bureau

Significant Changes from Prior Year

The FY 2018-19 Adopted Budget includes an increase in Water Fund resources of approximately \$35.2 million from the FY 2017-18 Revised Budget. The changes in Charges for Services include increases in water sales revenue due to increases in water rates, and other water fees and charges of \$12.3 million. Cash transfers increased by \$21.3 million from the prior year, primarily due to increased reimbursement from the Water Construction Fund for capital expenditures planned in FY 2018-19. Miscellaneous sources increased by \$0.6 million from the prior year. The beginning fund balance increased by \$0.8 million driven by FY 2017-18 year end fund balance projections.

Total bureau requirements are higher in the FY 2018-19 Adopted Budget than FY 2017-18 Revised Budget due to increased capital expenditures, offset by reduced transfers. Capital expenditures increased \$57.8 million from the FY 2017-18 Revised Budget. Fund transfers decreased by \$11.0 million, which includes \$11.4 million less transferred to the Construction Fund primarily for cash financed capital. This decrease is offset by \$0.4 million more transferred to the Sinking Fund.



	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	21,699	90,992	89,680	93,355	93,355	93,355
Miscellaneous	77	592	375	0	0	0
Total External Revenues	21,776	91,584	90,055	93,355	93,355	93,355
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	755	2,531	4,110	0	0	0
Total Resources	22,531	94,115	94,165	93,355	93,355	93,355
Requirements						
External Materials and Services	20,000	90,000	94,165	93,355	93,355	93,355
Total Bureau Expenditures	20,000	90,000	94,165	93,355	93,355	93,355
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	2,531	4,115	0	0	0	0
Total Requirements	22,531	94,115	94,165	93,355	93,355	93,355

Fund Overview

The 42nd Avenue Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

82nd Ave/Division NPI Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	40,895	86,386	117,650	93,017	93,017	93,017
Miscellaneous	140	568	475	0	0	0
Total External Revenues	41,035	86,954	118,125	93,017	93,017	93,017
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	146	2,181	6,723	0	0	0
Total Resources	41,181	89,135	124,848	93,017	93,017	93,017
Requirements						
External Materials and Services	39,000	82,400	124,848	93,017	93,017	93,017
Total Bureau Expenditures	39,000	82,400	124,848	93,017	93,017	93,017
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	2,181	6,735	0	0	0	0
Total Requirements	41,181	89,135	124,848	93,017	93,017	93,017

Fund Overview

The 82nd Ave & Division Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	5,914,685	4,213,784	5,203,340	4,776,282	4,776,282	4,776,282
Bond & Note	24,897,200	0	0	0	0	0
Miscellaneous	38,525	50,407	35,000	25,000	25,000	25,000
Total External Revenues	30,850,410	4,264,191	5,238,340	4,801,282	4,801,282	4,801,282
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,823,772	2,600,407	1,545,000	1,730,000	1,730,000	1,730,000
Total Resources	32,674,182	6,864,598	6,783,340	6,531,282	6,531,282	6,531,282
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	30,073,775	5,177,371	5,183,341	5,187,594	5,187,594	5,187,594
Debt Service Reserves	0	0	1,599,999	1,343,688	1,343,688	1,343,688
Total Fund Expenditures	30,073,775	5,177,371	6,783,340	6,531,282	6,531,282	6,531,282
Ending Fund Balance	2,600,407	1,687,227	0	0	0	0
Total Requirements	32,674,182	6,864,598	6,783,340	6,531,282	6,531,282	6,531,282

Fund Overview

The Airport Way Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Airport Way Urban Renewal District. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district. The final long-term bonds were issued for this urban renewal area in September 2005. The final scheduled payment on all bonds issued for this district is scheduled for June of 2020.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Airport Way Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Refunding Bond, 2015 Series A						
7/9/2015 - Due 6/15	24,897,200					
		2018/19	5,047,300	1.38%	140,294	5,187,594
		2019/20	5,118,900	1.38%	70,641	5,189,541
TOTAL FUND DEBT SERVICE			10,166,200		210,934	10,377,134

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	10,246,214	12,063,112	13,469,000	11,980,000	11,980,000	11,980,000
Miscellaneous	52,831	78,414	110,000	80,000	80,000	80,000
Total External Revenues	10,299,045	12,141,526	13,579,000	12,060,000	12,060,000	12,060,000
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	7,607,483	7,933,928	8,746,637	8,937,372	8,937,372	8,937,372
Total Resources	17,906,528	20,075,454	22,325,637	20,997,372	20,997,372	20,997,372
Requirements						
External Materials and Services	9,032,550	10,296,293	11,670,000	11,150,000	11,150,000	11,150,000
Internal Materials and Services	915,050	1,007,523	1,174,977	1,193,285	1,193,285	1,193,285
Total Bureau Expenditures	9,947,600	11,303,816	12,844,977	12,343,285	12,343,285	12,343,285
Contingency	0	0	9,455,660	8,629,087	8,629,087	8,629,087
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	25,000	25,000	9,480,660	8,654,087	8,654,087	8,654,087
Ending Fund Balance	7,933,928	8,746,638	0	0	0	0
Total Requirements	17,906,528	20,075,454	22,325,637	20,997,372	20,997,372	20,997,372

Fund Overview

The Arts Education & Access Fund receives revenues from a tax of \$35 imposed on each income-earning resident of the City of Portland who is at least 18 years old. Households under the Federal Poverty Level are exempt. Net revenues are distributed from this fund to six school districts located in the city (Portland Public, David Douglas, Centennial, Parkrose, Reynolds, and Riverdale) and the Regional Arts and Culture Council, in accordance with the respective intergovernmental agreements or contracts.

Funds distributed to the school districts are used to hire certified arts or music education teachers for kindergarten through 5th grade (K-5). Distribution is based on a ratio of one teacher for every 500 K-5 students or a pro rata basis for less than 500 students attending a school. Any funds remaining after distribution to the School Districts are distributed to the Regional Arts and Culture Council (RACC). Up to 95% of the funds distributed to RACC shall be for grants to support nonprofit Portland arts organizations. A minimum of 5% of the funds distributed to RACC shall be for grants to schools and nonprofit organizations that will give access to high-quality arts experiences to K-12 grade students, with particular emphasis on programs directed to underserved communities.

The Bureau of Revenue & Financial Services, Revenue Division manages the Arts Education & Access Fund, administers the collection of the Arts Tax, and charges the fund an administrative fee for services.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Assessment Collection Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	725	871	1,200	1,450	1,450	1,450
Total External Revenues	725	871	1,200	1,450	1,450	1,450
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	78,074	78,789	79,535	80,650	80,650	80,650
Total Resources	78,799	79,660	80,735	82,100	82,100	82,100
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	80,735	82,100	82,100	82,100
Fund Transfers - Expense	10	0	0	0	0	0
Total Fund Expenditures	10	0	80,735	82,100	82,100	82,100
Ending Fund Balance	78,789	79,660	0	0	0	0
Total Requirements	78,799	79,660	80,735	82,100	82,100	82,100

Fund Overview

The Assessment Collection Fund is largely inactive, with a minimal number of accounting transactions posted to the fund. The City Charter allows for replenishment of this fund by selling up to \$1.5 million in bonds. Those resources would be used to pay off delinquent accounts in other funds. Collection activity on the delinquent liens, up to and including foreclosure, would then be handled by the fund.

Managing Agency Office of the City Auditor

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	9,270,756	7,347,179	5,452,812	5,672,362	5,672,362	5,672,362
Total External Revenues	9,270,756	7,347,179	5,452,812	5,672,362	5,672,362	5,672,362
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	13,893,468	14,792,511	14,592,927	14,859,711	14,859,711	14,859,711
Total Resources	23,164,224	22,139,690	20,045,739	20,532,073	20,532,073	20,532,073
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	8,371,713	5,846,763	5,191,822	4,709,990	4,709,990	4,709,990
Fund Transfers - Expense	0	1,700,000	0	0	0	0
Debt Service Reserves	0	0	0	15,822,083	15,822,083	15,822,083
Total Fund Expenditures	8,371,713	7,546,763	5,191,822	20,532,073	20,532,073	20,532,073
Ending Fund Balance	14,792,511	14,592,927	14,853,917	0	0	0
Total Requirements	23,164,224	22,139,690	20,045,739	20,532,073	20,532,073	20,532,073

Fund Overview

The Bancroft Bond Interest and Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public infrastructure improvements requested by property owners. This fund accounts for resources and the allocation thereof, and to pay principal and interest on outstanding debt related to financing these improvements.

Managing Agency Office of the City Auditor

Bancroft Bond Interest and Sinking Fund**Debt Summary**

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Improvement Bond, 2007 Series A						
06/28/2007 - Due 6/1	41,745,000					
		2018/19			787,750	787,750
		2019/20			787,750	787,750
		2020/21			787,750	787,750
		2021/22			787,750	787,750
		2022/23			787,750	787,750
		2023/24			787,750	787,750
		2024/25			787,750	787,750
		2025/26			787,750	787,750
		2026/27	15,755,000	5.00%	787,750	16,542,750
		TOTAL	15,755,000		7,089,750	22,844,750
Limited Tax Improvement Bond, 2010 Series A						
04/29/2010 - Due 6/1	22,305,000					
		2018/19			368,569	368,569
		2019/20			368,569	368,569
		2020/21			368,569	368,569
		2021/22			368,569	368,569
		2022/23			368,569	368,569
		2023/24			368,569	368,569
		2024/25			368,569	368,569
		2025/26			368,569	368,569
		2026/27			368,569	368,569
		2027/28			368,569	368,569
		2028/29			368,569	368,569
		2029/30	8,935,000	4.13%	368,569	9,303,569
		TOTAL	8,935,000		4,422,825	13,357,825
Limited Tax Improvement Bond, 2011 Series A						
12/13/2011 - Due 6/1	3,400,000					
		2018/19			36,800	36,800
		2019/20			36,800	36,800
		2020/21			36,800	36,800
		2021/22			36,800	36,800
		2022/23			36,800	36,800
		2023/24			36,800	36,800
		2024/25			36,800	36,800
		2025/26			36,800	36,800
		2026/27			36,800	36,800
		2027/28			36,800	36,800
		2028/29			36,800	36,800
		2029/30			36,800	36,800

Debt Summary

Bancroft Bond Interest and Sinking Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2030/31			36,800	36,800
		2031/32	920,000	4.00%	36,800	956,800
		TOTAL	920,000		515,200	1,435,200
Limited Tax Improvement Bond, 2014 Series A						
6/27/2014 - Due 6/1	7,815,000					
		2018/19	430,000	4.00%	122,000	552,000
		2019/20			104,800	104,800
		2020/21			104,800	104,800
		2021/22			104,800	104,800
		2022/23			104,800	104,800
		2023/24			104,800	104,800
		2024/25			104,800	104,800
		2025/26			104,800	104,800
		2026/27			104,800	104,800
		2027/28			104,800	104,800
		2028/29			104,800	104,800
		2029/30			104,800	104,800
		2030/31			104,800	104,800
		2031/32			104,800	104,800
		2032/33			104,800	104,800
		2033/34	2,620,000	4.00%	104,800	2,724,800
		TOTAL	3,050,000		1,694,000	4,744,000
Proposed Calls						
		2018/19	2,990,000		(25,129)	2,964,871
		TOTAL	2,990,000			2,964,871
COMBINED DEBT SERVICE						
	75,265,000					
		2018/19	3,420,000		1,289,990	4,709,990
		2019/20	0		1,297,919	1,297,919
		2020/21	0		1,297,919	1,297,919
		2021/22	0		1,297,919	1,297,919
		2022/23	0		1,297,919	1,297,919
		2023/24	0		1,297,919	1,297,919
		2024/25	0		1,297,919	1,297,919
		2025/26	0		1,297,919	1,297,919
		2026/27	15,755,000		1,297,919	17,052,919
		2027/28	0		510,169	510,169
		2028/29	0		510,169	510,169
		2029/30	8,935,000		510,169	9,445,169
		2030/31	0		141,600	141,600
		2031/32	920,000		141,600	1,061,600

Bancroft Bond Interest and Sinking Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2032/33	0		104,800	104,800
		2033/34	2,620,000		104,800	2,724,800
TOTAL FUND DEBT SERVICE			31,650,000		13,696,646	45,346,646

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	0	0	0	0	1,075,767	1,089,387
Total External Revenues	0	0	0	0	1,075,767	1,089,387
Fund Transfers - Revenue	0	0	0	0	480,486	480,486
Total Internal Revenues	0	0	0	0	480,486	480,486
Beginning Fund Balance	0	0	0	0	0	0
Total Resources	0	0	0	0	1,556,253	1,569,873
Requirements						
Personnel Services	0	0	0	0	866,271	879,891
External Materials and Services	0	0	0	0	546,150	546,150
Internal Materials and Services	0	0	0	0	143,832	143,832
Total Bureau Expenditures	0	0	0	0	1,556,253	1,569,873
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
Total Requirements	0	0	0	0	1,556,253	1,569,873

Fund Overview

The Cannabis Licensing Special Revenue Fund is new in FY 2018-19 and was established to account for the revenues and expenditures related to the City's Cannabis Licensing program. Revenue sources for the fund are application, licensing, and violation fees submitted by cannabis businesses for the purposes of meeting provisions of Portland City Code 14B.130. If unforeseen changes in revenue occur in any given fiscal year, the fund's resources will provide for the continuous operations of the program.

Managing Agency Office of Community and Civic Life

Central Eastside Industrial District Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	6,542,929	7,365,739	8,615,380	9,589,474	9,589,474	9,589,474
Bond & Note	0	6,186,639	0	0	0	0
Miscellaneous	45,205	58,356	50,175	35,000	35,000	35,000
Total External Revenues	6,588,134	13,610,734	8,665,555	9,624,474	9,624,474	9,624,474
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	4,076,932	2,774,075	2,820,118	2,405,863	2,405,863	2,405,863
Total Resources	10,665,066	16,384,809	11,485,673	12,030,337	12,030,337	12,030,337
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	7,890,991	13,558,908	9,046,810	9,624,474	9,624,474	9,624,474
Debt Service Reserves	0	0	2,438,863	2,405,863	2,405,863	2,405,863
Total Fund Expenditures	7,890,991	13,558,908	11,485,673	12,030,337	12,030,337	12,030,337
Ending Fund Balance	2,774,075	2,825,901	0	0	0	0
Total Requirements	10,665,066	16,384,809	11,485,673	12,030,337	12,030,337	12,030,337

Fund Overview

The Central Eastside Industrial District Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Central Eastside Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Central Eastside Urban Renewal and Redelopment Bonds, 2011 Series A (Federally Taxable)						
03/31/2011 - Due 6/15	10,205,000					
		2018/19	1,270,000	5.75%	180,838	1,450,838
		2019/20	1,345,000	6.05%	107,864	1,452,864
		2020/21	425,000	6.25%	26,546	451,546
		TOTAL	3,040,000		315,248	3,355,248
Central Eastside Urban Renewal and Redelopment Bonds, 2011 Series B						
03/31/2011 - Due 6/15	19,485,000					
		2018/19	0		952,125	952,125
		2019/20	0		952,125	952,125
		2020/21	1,000,000	4.00%	952,125	1,952,125
		2021/22	1,490,000	4.25%	912,125	2,402,125
		2022/23	1,555,000	4.38%	848,800	2,403,800
		2023/24	1,625,000	4.63%	780,769	2,405,769
		2024/25	1,700,000	4.75%	705,613	2,405,613
		2025/26	1,780,000	5.00%	624,863	2,404,863
		2026/27	1,870,000	5.00%	535,863	2,405,863
		2027/28	1,960,000	5.00%	442,363	2,402,363
		2028/29	2,060,000	5.25%	344,363	2,404,363
		2029/30	2,165,000	5.25%	236,213	2,401,213
		2030/31	2,280,000	5.38%	122,550	2,402,550
		TOTAL	19,485,000		8,409,894	27,894,894
Estimated - Du Jour and Line of Credit						
	6,700,000					
		2018/19	6,700,000	variable	521,510	7,221,510
		TOTAL	6,700,000		521,510	7,221,510
COMBINED DEBT SERVICE						
	36,390,000					
		2018/19	7,970,000		1,654,473	9,624,473
		2019/20	1,345,000		1,059,989	2,404,989
		2020/21	1,425,000		978,671	2,403,671
		2021/22	1,490,000		912,125	2,402,125
		2022/23	1,555,000		848,800	2,403,800
		2023/24	1,625,000		780,769	2,405,769
		2024/25	1,700,000		705,613	2,405,613
		2025/26	1,780,000		624,863	2,404,863
		2026/27	1,870,000		535,863	2,405,863
		2027/28	1,960,000		442,363	2,402,363
		2028/29	2,060,000		344,363	2,404,363
		2029/30	2,165,000		236,213	2,401,213
		2030/31	2,280,000		122,550	2,402,550

Central Eastside Industrial District Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
TOTAL FUND DEBT SERVICE			29,225,000		9,246,652	38,471,652

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	15,275,571	17,797,205	18,983,154	21,023,311	21,023,311	21,023,311
Miscellaneous	65,345	112,168	0	0	0	0
Total External Revenues	15,340,916	17,909,373	18,983,154	21,023,311	21,023,311	21,023,311
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	3,970,954	4,400,514	5,800,000	7,375,000	7,375,000	7,375,000
Total Resources	19,311,870	22,309,887	24,783,154	28,398,311	28,398,311	28,398,311
Requirements						
Personnel Services	552,176	554,579	640,249	682,243	682,243	682,243
External Materials and Services	14,289,804	14,645,928	18,295,947	19,333,270	19,333,270	19,333,270
Internal Materials and Services	44,376	59,613	66,157	58,001	58,001	58,001
Total Bureau Expenditures	14,886,356	15,260,120	19,002,353	20,073,514	20,073,514	20,073,514
Contingency	0	0	5,755,801	8,299,797	8,299,797	8,299,797
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	25,000	25,000	5,780,801	8,324,797	8,324,797	8,324,797
Ending Fund Balance	4,400,514	7,024,767	0	0	0	0
Total Requirements	19,311,870	22,309,887	24,783,154	28,398,311	28,398,311	28,398,311

Fund Overview

The Children's Investment Fund was established in FY 2002-03 to account for the revenues and expenditures related to the Portland Children's Levy. This levy was renewed by Portland voters in May 2013. The current levy authorizes the ongoing revenue generation and operation of the Portland Children's Investment Fund through June 30, 2019.

Decisions on expenditures within the Children's Levy are made by a five-person committee and approved by City Council. All allocations must be made in conformance with the levy language as approved by voters.

Managing Agency Commissioner of Public Affairs

Significant Changes from Prior Year

Revenues from the Portland Children's Levy are projected to increase in FY 2018-19 due to continued rising property tax revenues, growing by an estimated \$2.04 million or 10.3% from the FY 2017-18 Revised Budget.

Community Development Block Grant Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	14,474	8,370	0	0	0	0
Intergovernmental	8,615,556	7,006,629	11,675,202	9,233,667	12,919,397	12,189,976
Miscellaneous	1,395,963	1,982,877	1,115,000	1,050,000	1,050,000	2,368,029
Total External Revenues	10,025,993	8,997,876	12,790,202	10,283,667	13,969,397	14,558,005
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	238	295,984	0	0	0	0
Total Resources	10,026,231	9,293,860	12,790,202	10,283,667	13,969,397	14,558,005
Requirements						
Personnel Services	1,280,219	1,342,040	1,227,350	1,146,383	1,146,383	1,146,383
External Materials and Services	7,412,576	6,296,597	10,614,928	8,153,807	11,839,537	12,428,145
Internal Materials and Services	358,843	333,607	212,924	235,477	235,477	235,477
Total Bureau Expenditures	9,051,638	7,972,244	12,055,202	9,535,667	13,221,397	13,810,005
Debt Service	678,609	726,268	735,000	748,000	748,000	748,000
Total Fund Expenditures	678,609	726,268	735,000	748,000	748,000	748,000
Ending Fund Balance	295,984	595,348	0	0	0	0
Total Requirements	10,026,231	9,293,860	12,790,202	10,283,667	13,969,397	14,558,005

Fund Overview

Revenues

The Community Development Block Grant (CDBG) Fund accounts for the City's CDBG entitlement from the United States Department of Housing and Urban Development (HUD), loan repayments, lien payments, revenue generated from CDBG-funded activities, carryover funds from prior years, private leveraged resources, and interest and repayments for float activities.

Structure

The CDBG Fund is an annual entitlement grant fund that is reimbursed by the federal government for actual expenditures less any program income received. The fund generally has only a small ending balance because requests for reimbursement cannot exceed expenditures less program income. Activity is booked directly to this fund and includes loan personnel services, loan disbursements, subrecipient contract payments and indirect costs, as well as loan receivables and repayment program income.

Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

Overall appropriations in FY 2018-19 are higher compared to FY 2017-18, primarily based on a higher entitlement receipt from HUD.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	9,792	9,417	8,984	9,520	9,520	9,520
Total External Revenues	9,792	9,417	8,984	9,520	9,520	9,520
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	34,148	43,912	52,772	62,498	62,498	62,498
Total Resources	43,940	53,329	61,756	72,018	72,018	72,018
Requirements						
External Materials and Services	0	8	61,672	51	47	47
Total Bureau Expenditures	0	8	61,672	51	47	47
Fund Transfers - Expense	28	116	84	74	78	78
Total Fund Expenditures	28	116	84	74	78	78
Ending Fund Balance	43,912	53,205	0	71,893	71,893	71,893
Total Requirements	43,940	53,329	61,756	72,018	72,018	72,018

Fund Overview

The Community Solar Fund accounts for expenses and revenues associated with the installation of solar electric systems on community buildings.

The fund receives revenue from two sources:

- ◆ The electric utility companies, in the form of a fifteen-year stream of incentive payments based on the energy produced from each solar energy system; and
- ◆ Community (crowd-funded) donations.

The accrued revenue is used to install new, small-scale solar electric systems on community buildings.

Managing Agency Bureau of Planning & Sustainability

Convention and Tourism Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	17,472,465	17,933,744	20,026,000	20,506,000	20,506,000	20,506,000
Miscellaneous	32,790	16,328	21,500	17,500	17,500	17,500
Total External Revenues	17,505,255	17,950,072	20,047,500	20,523,500	20,523,500	20,523,500
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	121,774	135,216	118,334	0	0	0
Total Resources	17,627,029	18,085,288	20,165,834	20,523,500	20,523,500	20,523,500
Requirements						
External Materials and Services	17,187,417	17,601,273	19,795,561	20,096,248	20,096,248	20,096,248
Internal Materials and Services	279,396	340,671	333,439	402,252	402,252	402,252
Total Bureau Expenditures	17,466,813	17,941,944	20,129,000	20,498,500	20,498,500	20,498,500
Contingency	0	0	11,834	0	0	0
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	25,000	25,000	36,834	25,000	25,000	25,000
Ending Fund Balance	135,216	118,344	0	0	0	0
Total Requirements	17,627,029	18,085,288	20,165,834	20,523,500	20,523,500	20,523,500

Fund Overview

The Convention and Tourism Fund receives revenues from a 1% transient lodging tax assessed on guests at short-term (transient) lodging locations, including hotels, motels, bed and breakfast establishments, and private homes within the city. Expenditures from this fund are authorized for the promotion and procurement of convention business and tourism as established by City Charter. The City currently contracts with Travel Portland for these services.

In 2012, Council created a Portland Tourism Improvement District. The Tourism Improvement District (TID) was established to enhance the promotion of Portland as a preferred destination for meetings, conventions, and leisure travel. The 2% district assessment keeps Portland's lodging industry competitive with other cities.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	9,886,831	14,032,037	9,363,457	12,973,342	12,973,342	12,973,342
Miscellaneous	81,252	163,546	105,000	150,000	150,000	150,000
Total External Revenues	9,968,083	14,195,583	9,468,457	13,123,342	13,123,342	13,123,342
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	6,136,977	8,290,643	14,295,000	16,300,000	16,300,000	16,300,000
Total Resources	16,105,060	22,486,226	23,763,457	29,423,342	29,423,342	29,423,342
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	7,814,417	7,812,667	7,811,168	7,809,418	7,809,418	7,809,418
Debt Service Reserves	0	0	1,246,788	1,246,788	1,246,788	1,246,788
Total Fund Expenditures	7,814,417	7,812,667	9,057,956	9,056,206	9,056,206	9,056,206
Ending Fund Balance	8,290,643	14,673,559	14,705,501	20,367,136	20,367,136	20,367,136
Total Requirements	16,105,060	22,486,226	23,763,457	29,423,342	29,423,342	29,423,342

Fund Overview

The Convention Center Area Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Convention Center Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district. The final long-term bonds were issued for this urban renewal area in May 2012. The final payment on all bonds issued for this district is scheduled for June 2025.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Convention Center Area Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2011 Series B						
07/06/2011 - Due 6/15	29,685,000					
		2018/19	4,550,000	5.00%	466,500	5,016,500
		2019/20	4,780,000	5.00%	239,000	5,019,000
		TOTAL	9,330,000		705,500	10,035,500
Urban Renewal & Redevelopment Bonds, 2012 Series A (Federally Taxable)						
05/17/2012 - Due 6/15	69,760,000					
		2018/19	0		2,792,917	2,792,917
		2019/20	500,000	3.62%	2,792,917	3,292,917
		2020/21	14,075,000	3.72%	2,774,802	16,849,802
		2021/22	14,600,000	3.87%	2,250,790	16,850,790
		2022/23	15,165,000	4.02%	1,685,332	16,850,332
		2023/24	15,775,000	4.17%	1,075,244	16,850,244
		2024/25	9,645,000	4.32%	416,953	10,061,953
		TOTAL	69,760,000		13,788,956	83,548,956
COMBINED DEBT SERVICE						
	99,445,000					
		2018/19	4,550,000		3,259,417	7,809,417
		2019/20	5,280,000		3,031,917	8,311,917
		2020/21	14,075,000		2,774,802	16,849,802
		2021/22	14,600,000		2,250,790	16,850,790
		2022/23	15,165,000		1,685,332	16,850,332
		2023/24	15,775,000		1,075,244	16,850,244
		2024/25	9,645,000		416,953	10,061,953
TOTAL FUND DEBT SERVICE			79,090,000		14,494,456	93,584,456

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	37,233	91,240	90,390	93,355	93,355	93,355
Miscellaneous	133	611	350	0	0	0
Total External Revenues	37,366	91,851	90,740	93,355	93,355	93,355
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,210	3,576	3,621	0	0	0
Total Resources	38,576	95,427	94,361	93,355	93,355	93,355
Requirements						
External Materials and Services	35,000	91,800	94,361	93,355	93,355	93,355
Total Bureau Expenditures	35,000	91,800	94,361	93,355	93,355	93,355
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	3,576	3,627	0	0	0	0
Total Requirements	38,576	95,427	94,361	93,355	93,355	93,355

Fund Overview

The Cully Boulevard Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Development Services Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	43,436,697	46,313,837	45,147,232	45,771,580	45,771,580	45,771,580
Charges for Services	17,347,110	18,769,455	17,007,502	18,044,287	18,044,287	18,044,287
Bond & Note	0	37,000,000	10,220,699	0	0	0
Miscellaneous	4,627,543	5,284,705	4,827,674	4,032,724	4,032,724	4,032,724
Total External Revenues	65,411,350	107,367,997	77,203,107	67,848,591	67,848,591	67,848,591
Fund Transfers - Revenue	2,206,621	2,117,744	952,985	982,528	982,528	982,528
Interagency Revenue	1,013,547	1,092,472	1,274,241	962,362	962,362	962,362
Total Internal Revenues	3,220,168	3,210,216	2,227,226	1,944,890	1,944,890	1,944,890
Beginning Fund Balance	51,228,946	71,166,201	80,291,247	88,083,543	88,083,543	88,083,543
Total Resources	119,860,464	181,744,414	159,721,580	157,877,024	157,877,024	157,877,024
Requirements						
Personnel Services	33,726,102	37,560,420	46,696,626	52,150,360	52,344,634	54,086,235
External Materials and Services	2,968,976	5,513,316	8,180,983	5,859,741	5,859,741	5,859,741
Internal Materials and Services	9,077,087	11,942,233	15,014,876	11,230,426	11,230,426	11,109,215
Capital Outlay	702,191	0	25,400	0	0	0
Total Bureau Expenditures	46,474,356	55,015,969	69,917,885	69,240,527	69,434,801	71,055,191
Debt Service	1,038,216	48,361,418	1,270,656	1,360,492	1,360,492	1,360,492
Contingency	0	0	36,467,123	26,969,532	26,674,570	83,054,180
Fund Transfers - Expense	1,181,691	1,734,257	2,065,916	2,306,473	2,407,161	2,407,161
Total Fund Expenditures	2,219,907	50,095,675	39,803,695	30,636,497	30,442,223	86,821,833
Ending Fund Balance	71,166,201	76,632,770	50,000,000	58,000,000	58,000,000	0
Total Requirements	119,860,464	181,744,414	159,721,580	157,877,024	157,877,024	157,877,024

Fund Overview

The Development Services Fund accounts for all revenues and expenditures related to activities and services provided by the Bureau of Development Services (BDS).

Managing Agency Bureau of Development Services

Significant Changes from Prior Year

Peaking Construction Activity

Construction activity in the Portland metropolitan area is not expected to continue the high levels of growth experienced in the past few years. On February 1, 2017, the City's implemented an Inclusionary Housing policy. The full effects of this policy on development activity will not be known for some time; however, it is expected to impact the timing, characteristics, and number of multifamily housing development projects serviced by the bureau. In FY 2018-19 workload is expected to remain elevated. BDS will evaluate whether additional staff positions will be needed to address the workload.

Portland Online Permitting System (POPS)

The bureau remains committed to moving forward with the Portland Online Permitting System (POPS) and is proceeding with implementation of the plan developed during the project 'discovery phase". The plan includes simultaneous implementation of standalone electronic plan review software while continuing to develop the permitting software. Approaching the project in this manner will allow the bureau to benefit from electronic plan review in advance of completion of the permitting software.

Fee Changes

The FY 2018-19 Adopted Budget includes no increases for most bureau fees. However, hourly charges for the Field Issuance Remodel Program are being increased to cover the costs of providing services, and fees have been added for new land use reviews.

Division-Midway NPI Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	5,154	98,994	100,723	93,840	93,840	93,840
Miscellaneous	22	629	415	0	0	0
Total External Revenues	5,176	99,623	101,138	93,840	93,840	93,840
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,123	399	6,111	0	0	0
Total Resources	6,299	100,022	107,249	93,840	93,840	93,840
Requirements						
External Materials and Services	5,900	93,900	107,249	93,840	93,840	93,840
Total Bureau Expenditures	5,900	93,900	107,249	93,840	93,840	93,840
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	399	6,122	0	0	0	0
Total Requirements	6,299	100,022	107,249	93,840	93,840	93,840

Fund Overview

The Division-Midway Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	4,594,402	4,902,408	5,141,412	5,433,794	5,433,794	5,433,794
Bond & Note	0	12,552,386	0	0	0	0
Miscellaneous	16,334	21,760	21,000	10,000	10,000	10,000
Total External Revenues	4,610,736	17,476,554	5,162,412	5,443,794	5,443,794	5,443,794
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	865,267	384,720	264,823	0	0	0
Total Resources	5,476,003	17,861,274	5,427,235	5,443,794	5,443,794	5,443,794
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	5,091,283	17,596,017	5,427,235	5,443,794	5,443,794	5,443,794
Total Fund Expenditures	5,091,283	17,596,017	5,427,235	5,443,794	5,443,794	5,443,794
Ending Fund Balance	384,720	265,257	0	0	0	0
Total Requirements	5,476,003	17,861,274	5,427,235	5,443,794	5,443,794	5,443,794

Fund Overview

The Gateway Urban Renewal Area (URA) Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Gateway Regional Center Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Gateway URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Estimated - Du Jour and Line of Credit	5,000,000					
		2018/19	5,000,000	variable	443,794	5,443,794
TOTAL FUND DEBT SERVICE			5,000,000		443,794	5,443,794

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	1,096,742	0	0	0	0	0
Miscellaneous	8,323	0	0	0	0	0
Total External Revenues	1,105,065	0	0	0	0	0
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	1,031,902	0	0	0	0	0
Total Resources	2,136,967	0	0	0	0	0
Requirements						
Personnel Services	4,932	0	0	0	0	0
External Materials and Services	518	0	0	0	0	0
Total Bureau Expenditures	5,450	0	0	0	0	0
Debt Service	833,414	0	0	0	0	0
Total Fund Expenditures	833,414	0	0	0	0	0
Ending Fund Balance	1,298,103	0	0	0	0	0
Total Requirements	2,136,967	0	0	0	0	0

Fund Overview

Historically, the Headwaters Apartment Complex Fund reflected expenses and revenues for the City-owned Headwaters Apartment complex. The property was managed by Prosper Portland through a property management firm.

Managing Agency Portland Housing Bureau

Significant Changes from Prior Year

This fund was closed in FY 2017-18, with activities moving to the Housing Property Fund.

HOME Grant Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	14,213	1,098	0	0	0	0
Intergovernmental	3,892,919	3,917,464	6,486,059	4,170,201	5,270,201	5,307,049
Miscellaneous	1,230,367	409,566	390,000	400,000	400,000	400,000
Total External Revenues	5,137,499	4,328,128	6,876,059	4,570,201	5,670,201	5,707,049
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	114,169	163,224	0	0	0	0
Total Resources	5,251,668	4,491,352	6,876,059	4,570,201	5,670,201	5,707,049
Requirements						
Personnel Services	314,848	313,260	337,260	299,621	299,621	299,621
External Materials and Services	4,773,596	4,050,230	6,538,799	4,270,580	5,370,580	5,407,428
Total Bureau Expenditures	5,088,444	4,363,490	6,876,059	4,570,201	5,670,201	5,707,049
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	163,224	127,862	0	0	0	0
Total Requirements	5,251,668	4,491,352	6,876,059	4,570,201	5,670,201	5,707,049

Fund Overview

The HOME program is a federal entitlement program of the United States Department of Housing and Urban Development (HUD). The purpose of the grant is to assist local governments with the development of affordable housing.

Portland HOME Consortium

The Portland HOME Consortium consists of the City of Portland, the City of Gresham, and Multnomah County. The City of Portland is the lead partner of the consortium, and is responsible for receiving and administering the HOME grant.

Structure

The HOME Grant Fund is reimbursed by the federal government for actual expenditures less program income. The fund will not have an ending fund balance because requests for reimbursement cannot exceed expenditures less program income. The bureau processes HOME loan activity directly. This includes processing loan disbursements, recording loan receivables, and receipting program income associated with loan repayments.

Carryover

Entitlement appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

Appropriations in FY 2018-19 are slightly lower than the prior year, as FY 2017-18 included both a higher allocation from HUD and carryover from FY 2016-17.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Bond & Note	0	84,701,266	56,515,019	21,726,307	22,236,307	23,436,307
Miscellaneous	0	58,424	0	0	0	0
Total External Revenues	0	84,759,690	56,515,019	21,726,307	22,236,307	23,436,307
Fund Transfers - Revenue	0	467,245	5,065,166	0	0	0
Total Internal Revenues	0	467,245	5,065,166	0	0	0
Beginning Fund Balance	0	0	0	0	0	0
Total Resources	0	85,226,935	61,580,185	21,726,307	22,236,307	23,436,307
Requirements						
Personnel Services	0	50,075	376,989	1,084,253	1,084,253	1,084,253
External Materials and Services	0	84,825	16,688,137	800,000	835,000	2,035,000
Internal Materials and Services	0	54,310	254,459	492,054	492,054	492,054
Capital Outlay	0	47,414,294	23,124,414	19,350,000	19,825,000	19,825,000
Total Bureau Expenditures	0	47,603,504	40,443,999	21,726,307	22,236,307	23,436,307
Debt Service	0	37,452,716	21,136,186	0	0	0
Total Fund Expenditures	0	37,452,716	21,136,186	0	0	0
Ending Fund Balance	0	170,715	0	0	0	0
Total Requirements	0	85,226,935	61,580,185	21,726,307	22,236,307	23,436,307

Fund Overview

The Housing Capital Fund was established by City Council action in April 2017. The fund is to be used for capital acquisition and/or construction activities, funded primarily by the Housing General Obligation Bond. Once an asset has been acquired and/or completed, it will be transferred to the Housing Property Fund, where operating income and expenses will be tracked.

Managing Agency Portland Housing Bureau

Significant Changes From Prior Year

The first acquisition under the Housing General Obligation Bond was made in February of 2017 when the bureau took ownership of The Ellington Apartments. The bureau coordinated a public outreach process in conjunction with a Stakeholder Advisory Group to develop guidance that is assisting in determining future projects. The FY 2018-19 Adopted Budget includes current anticipated bond expenditures, and will be adjusted throughout this fiscal year to reflect actual acquisitions. The bureau is waiting to issue the first tranche of bonds until later in FY 2018-19. Properties acquired prior to the issuance of bond debt will use a temporary loan from the Development Services Fund as interim financing.

Housing Investment Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	424,154	568,190	457,500	476,350	476,350	476,350
Intergovernmental	204,633	5,365,588	317,500	318,000	318,000	318,000
Bond & Note	0	0	1,200,000	0	0	0
Miscellaneous	1,248,884	5,121,025	660,816	544,572	544,572	544,572
Total External Revenues	1,877,671	11,054,803	2,635,816	1,338,922	1,338,922	1,338,922
Fund Transfers - Revenue	2,674,554	1,200,000	2,940,542	274,980	274,980	274,980
Total Internal Revenues	2,674,554	1,200,000	2,940,542	274,980	274,980	274,980
Beginning Fund Balance	3,354,935	5,643,430	5,656,910	5,970,390	7,900,390	7,922,390
Total Resources	7,907,160	17,898,233	11,233,268	7,584,292	9,514,292	9,536,292
Requirements						
Personnel Services	911,317	984,486	1,346,099	1,182,333	1,182,333	1,182,333
External Materials and Services	1,340,511	2,315,456	3,781,603	5,385,783	7,312,096	7,274,096
Internal Materials and Services	11,902	31,000	0	0	0	0
Total Bureau Expenditures	2,263,730	3,330,942	5,127,702	6,568,116	8,494,429	8,456,429
Debt Service	0	0	0	0	0	60,000
Contingency	0	0	0	18,000	18,000	18,000
Fund Transfers - Expense	0	1,946,353	6,105,566	998,176	1,001,863	1,001,863
Total Fund Expenditures	0	1,946,353	6,105,566	1,016,176	1,019,863	1,079,863
Ending Fund Balance	5,643,430	12,620,938	0	0	0	0
Total Requirements	7,907,160	17,898,233	11,233,268	7,584,292	9,514,292	9,536,292

Fund Overview

The Housing Investment Fund (HIF) supports the City's housing initiatives, which serve to develop or preserve affordable housing in Portland or help low- and moderate-income individuals access affordable housing. In addition to development and preservation of housing units, there are several other programs tracked in this fund.

Other Programs

The Portland Housing Bureau (PHB) administers indirect programs to promote affordable housing via foregone revenue. These programs include limited property tax exemptions, system development charge waivers, and mortgage credit certificates.

ServicePoint is a statewide homeless management information system that PHB manages on behalf other agencies across the state. PHB recovers the costs of providing this service from these agencies via intergovernmental agreements.

The Housing Investment Fund includes a transfer from the General Fund based on short-term rental revenue, as well as funding administered on behalf of Multnomah County for rental housing development.

Structure

Sub-funds exist for each of the different programs in this fund. Activities are booked directly to the sub-funds, and includes personnel services, software license fees, and recording fees, as well as loan receivables and repayment program income.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

The bureau has three projects underway using different HIF resources. These include Central City Concern projects (Stark Street and Interstate), as well as an eastside health center being financed by Multnomah County. Allocations in this fund can fluctuate significantly from year-to-year based on project timing and other changes.

Housing Property Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	0	2,081,397	4,955,988	4,582,380	4,582,380	3,925,460
Intergovernmental	0	305,391	0	0	0	0
Miscellaneous	0	24,010	10,000	27,238	27,238	27,238
Total External Revenues	0	2,410,798	4,965,988	4,609,618	4,609,618	3,952,698
Fund Transfers - Revenue	0	1,200,000	80,367	178,487	178,487	178,487
Total Internal Revenues	0	1,200,000	80,367	178,487	178,487	178,487
Beginning Fund Balance	0	1,298,103	0	2,561,776	2,561,776	2,561,776
Total Resources	0	4,908,901	5,046,355	7,349,881	7,349,881	6,692,961
Requirements						
Personnel Services	0	7,310	152,975	240,209	240,209	229,901
External Materials and Services	0	823,358	1,749,850	1,949,020	1,949,020	1,312,408
Internal Materials and Services	0	30,541	121,375	118,596	118,596	118,596
Total Bureau Expenditures	0	861,209	2,024,200	2,307,825	2,307,825	1,660,905
Debt Service	0	832,769	826,374	829,479	829,479	1,784,479
Contingency	0	0	2,195,781	4,212,577	4,212,577	3,247,577
Fund Transfers - Expense	0	1,251,718	0	0	0	0
Total Fund Expenditures	0	2,084,487	3,022,155	5,042,056	5,042,056	5,032,056
Ending Fund Balance	0	1,963,205	0	0	0	0
Total Requirements	0	4,908,901	5,046,355	7,349,881	7,349,881	6,692,961

Fund Overview

This fund was created in 2016 by City Council via Ordinance 188175 to house and track financial activity associated with multi-family housing property operations. As the Portland Housing Bureau adds to its apartment portfolio, primarily through the Housing General Obligation Bond, properties will be acquired or constructed in the the Housing Capital Fund, and then moved to the Property Fund where the operating income and expenses will be tracked.

Managing Agency Portland Housing Bureau

Significant Changes Over Prior Year

In FY 2018-19, this fund includes the income and expense budgets for the Ellington and Headwaters Apartments, the recently constructed and acquired apartments at E Burnside, and land the bureau is holding for future development. Resources and expenditures in this fund are expected to increase as additional City-owned units acquired through Affordable Housing Bond proceeds come online.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Housing Revenue Bonds, 2005 Series A (Headwaters Apartments Project)						
4/18/2005 - Due 4/1	10,480,000					
		2018/19	320,000	5.00%	393,750	713,750
		2019/20	335,000	5.00%	377,750	712,750
		2020/21	350,000	5.00%	361,000	711,000
		2021/22	365,000	5.00%	343,500	708,500
		2022/23	380,000	5.00%	325,250	705,250
		2023/24	395,000	5.00%	306,250	701,250
		2024/25	415,000	5.00%	286,500	701,500
		2025/26	430,000	5.00%	265,750	695,750
		2026/27	450,000	5.00%	244,250	694,250
		2027/28	475,000	5.00%	221,750	696,750
		2028/29	495,000	5.00%	198,000	693,000
		2029/30	520,000	5.00%	173,250	693,250
		2030/31	545,000	5.00%	147,250	692,250
		2031/32	570,000	5.00%	120,000	690,000
		2032/33	595,000	5.00%	91,500	686,500
		2033/34	625,000	5.00%	61,750	686,750
		2034/35	610,000	5.00%	30,500	640,500
		TOTAL	7,875,000		3,948,000	11,823,000
Limited Tax Housing Revenue Bonds, 2005 Series B (Headwaters Apartments Project)						
4/18/2005 - Due 4/1	1,260,000					
		2018/19	955,000	4.70%	44,885	999,885
		TOTAL	955,000		44,885	999,885
COMBINED DEBT SERVICE						
	11,740,000					
		2018/19	1,275,000		438,635	1,713,635
		2019/20	335,000		377,750	712,750
		2020/21	350,000		361,000	711,000
		2021/22	365,000		343,500	708,500
		2022/23	380,000		325,250	705,250
		2023/24	395,000		306,250	701,250
		2024/25	415,000		286,500	701,500
		2025/26	430,000		265,750	695,750
		2026/27	450,000		244,250	694,250
		2027/28	475,000		221,750	696,750
		2028/29	495,000		198,000	693,000
		2029/30	520,000		173,250	693,250
		2030/31	545,000		147,250	692,250
		2031/32	570,000		120,000	690,000
		2032/33	595,000		91,500	686,500

Housing Property Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2033/34	625,000		61,750	686,750
		2034/35	610,000		30,500	640,500
TOTAL FUND DEBT SERVICE			8,830,000		3,992,885	12,822,885

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	0	1,824,101	4,732,201	4,972,500	4,972,500	4,972,500
Charges for Services	0	0	1,500	0	0	0
Miscellaneous	0	4,201	4,108	40,500	40,500	40,500
Total External Revenues	0	1,828,302	4,737,809	5,013,000	5,013,000	5,013,000
Fund Transfers - Revenue	0	198,992	816,600	741,300	741,300	741,300
Total Internal Revenues	0	198,992	816,600	741,300	741,300	741,300
Beginning Fund Balance	0	0	244,900	9,225,280	9,225,280	9,225,280
Total Resources	0	2,027,294	5,799,309	14,979,580	14,979,580	14,979,580
Requirements						
Personnel Services	0	150,818	478,113	414,250	414,250	414,250
External Materials and Services	0	20,796	4,243,714	14,320,313	14,320,313	14,320,313
Internal Materials and Services	0	7,704	267,681	245,017	245,017	245,017
Total Bureau Expenditures	0	179,318	4,989,508	14,979,580	14,979,580	14,979,580
Contingency	0	0	809,801	0	0	0
Total Fund Expenditures	0	0	809,801	0	0	0
Ending Fund Balance	0	1,847,976	0	0	0	0
Total Requirements	0	2,027,294	5,799,309	14,979,580	14,979,580	14,979,580

Fund Overview

City Council created this fund via ordinance 187855. Its purpose is twofold.

First, it tracks the receipts from the City's Construction Excise Tax (CET) that funds affordable housing initiatives. Per City Code Chapter 6.08, 4% of these receipts are retained by the Bureau of Development Services for administration. Of the remaining proceeds, 15% is remitted to the Oregon Department of Housing and Community Services, 50% remain in this fund for use on finance-based incentives for programs that require affordable housing, and 35% remain in this fund to support the production and preservation of affordable housing units at and below 60% Median Family Income.

Second, this fund tracks the revenues and expenditures associated with the Inclusionary Housing Program. These include indirect subsidies, fees paid by developers in lieu of participating in the program, and administration expenses.

Managing Agency Portland Housing Bureau

Significant Changes From Prior Year

The bureau is seeing healthy collections of CET revenue in FY 2017-18, and expects that trend to continue in FY 2018-19.

Interstate Corridor Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	23,363,289	26,081,104	33,450,000	35,431,052	35,431,052	35,431,052
Bond & Note	0	8,017,000	0	0	0	0
Miscellaneous	139,880	204,486	225,000	135,000	135,000	135,000
Total External Revenues	23,503,169	34,302,590	33,675,000	35,566,052	35,566,052	35,566,052
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	10,937,696	9,445,346	10,688,552	12,251,499	12,251,499	12,251,499
Total Resources	34,440,865	43,747,936	44,363,552	47,817,551	47,817,551	47,817,551
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	24,995,519	33,037,387	32,541,274	42,106,203	42,106,203	42,106,203
Debt Service Reserves	0	0	11,822,278	5,711,348	5,711,348	5,711,348
Total Fund Expenditures	24,995,519	33,037,387	44,363,552	47,817,551	47,817,551	47,817,551
Ending Fund Balance	9,445,346	10,710,549	0	0	0	0
Total Requirements	34,440,865	43,747,936	44,363,552	47,817,551	47,817,551	47,817,551

Fund Overview

The Interstate Corridor Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Interstate Corridor Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding source for improvements to urban renewal areas is tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Interstate Corridor Urban Renewal & Redevelopment Bonds, 2011 Series A (Federally Taxable)						
08/11/2011 - Due 06/15	28,890,000					
		2018/19	1,875,000	4.97%	1,016,409	2,891,409
		2019/20	1,965,000	5.17%	923,146	2,888,146
		2020/21	2,065,000	5.32%	821,477	2,886,477
		2021/22	2,175,000	6.29%	711,537	2,886,537
		2022/23	2,315,000	6.29%	574,642	2,889,642
		2023/24	2,460,000	6.29%	428,936	2,888,936
		2024/25	2,615,000	6.29%	274,104	2,889,104
		2025/26	1,740,000	6.29%	109,516	1,849,516
		TOTAL	17,210,000		4,859,767	22,069,767
Interstate Corridor Urban Renewal & Redevelopment Bonds, 2011 Series B						
08/11/2011 - Due 06/15	17,245,000					
		2018/19	0		849,338	849,338
		2019/20	0		849,338	849,338
		2020/21	0		849,338	849,338
		2021/22	0		849,338	849,338
		2022/23	0		849,338	849,338
		2023/24	0		849,338	849,338
		2024/25	0		849,338	849,338
		2025/26	1,040,000	4.50%	849,338	1,889,338
		2026/27	2,940,000	5.00%	802,538	3,742,538
		2027/28	3,085,000	4.75%	655,538	3,740,538
		2028/29	3,230,000	5.00%	509,000	3,739,000
		2029/30	3,390,000	5.00%	347,500	3,737,500
		2030/31	3,560,000	5.00%	178,000	3,738,000
		TOTAL	17,245,000		9,287,275	26,532,275
Interstate Corridor Urban Renewal & Redevelopment Refunding Bonds, Series 2015						
03/17/2015 - Due 06/15	17,155,000					
		2018/19	1,555,000	5.00%	632,250	2,187,250
		2019/20	1,630,000	5.00%	554,500	2,184,500
		2020/21	1,710,000	5.00%	473,000	2,183,000
		2021/22	1,800,000	5.00%	387,500	2,187,500
		2022/23	1,890,000	5.00%	297,500	2,187,500
		2023/24	1,980,000	5.00%	203,000	2,183,000
		2024/25	2,080,000	5.00%	104,000	2,184,000
		TOTAL	12,645,000		2,651,750	15,296,750
Estimated - Du Jour and Line of Credit						
	27,000,000					
		2018/19	27,000,000	variable	9,178,206	36,178,206
		TOTAL	27,000,000		9,178,206	36,178,206

Interstate Corridor Debt Service Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
COMBINED DEBT SERVICE						
	90,290,000					
		2018/19	30,430,000		11,676,202	42,106,202
		2019/20	3,595,000		2,326,984	5,921,984
		2020/21	3,775,000		2,143,815	5,918,815
		2021/22	3,975,000		1,948,374	5,923,374
		2022/23	4,205,000		1,721,480	5,926,480
		2023/24	4,440,000		1,481,274	5,921,274
		2024/25	4,695,000		1,227,441	5,922,441
		2025/26	2,780,000		958,853	3,738,853
		2026/27	2,940,000		802,538	3,742,538
		2027/28	3,085,000		655,538	3,740,538
		2028/29	3,230,000		509,000	3,739,000
		2029/30	3,390,000		347,500	3,737,500
		2030/31	3,560,000		178,000	3,738,000
TOTAL FUND DEBT SERVICE			74,100,000		25,976,998	100,076,998

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	13,284,761	14,258,746	14,155,600	16,681,603	16,681,603	16,681,603
Miscellaneous	64,624	103,805	52,170	60,000	60,000	60,000
Total External Revenues	13,349,385	14,362,551	14,207,770	16,741,603	16,741,603	16,741,603
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	4,009,848	4,319,523	5,146,100	6,262,906	6,262,906	6,262,906
Total Resources	17,359,233	18,682,074	19,353,870	23,004,509	23,004,509	23,004,509
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	13,039,710	13,034,572	16,321,278	19,971,917	19,971,917	19,971,917
Debt Service Reserves	0	0	3,032,592	3,032,592	3,032,592	3,032,592
Total Fund Expenditures	13,039,710	13,034,572	19,353,870	23,004,509	23,004,509	23,004,509
Ending Fund Balance	4,319,523	5,647,502	0	0	0	0
Total Requirements	17,359,233	18,682,074	19,353,870	23,004,509	23,004,509	23,004,509

Fund Overview

The Lents Town Center URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Lents Town Center Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Lents Town Center URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Lents Urban Renewal and Redelopment Bonds, 2010 Series A (Federally Taxable)						
06/24/2010 - Due 6/15	21,240,000					
		2018/19	1,595,000	5.78%	669,159	2,264,159
		2019/20	1,690,000	5.78%	576,905	2,266,905
		2020/21	1,785,000	6.28%	479,155	2,264,155
		2021/22	1,900,000	6.28%	366,986	2,266,986
		2022/23	2,015,000	6.28%	247,590	2,262,590
		2023/24	1,925,000	6.28%	120,967	2,045,967
		TOTAL	10,910,000		2,460,761	13,370,761
Lents Urban Renewal and Redelopment Bonds, 2010 Series B						
06/24/2010 - Due 6/15	15,650,000					
		2018/19	0		765,588	765,588
		2019/20	0		765,588	765,588
		2020/21	0		765,588	765,588
		2021/22	0		765,588	765,588
		2022/23	0		765,588	765,588
		2023/24	220,000	4.25%	765,588	985,588
		2024/25	2,275,000	5.00%	756,238	3,031,238
		2025/26	2,390,000	4.80%	642,488	3,032,488
		2026/27	2,500,000	5.00%	527,738	3,027,738
		2027/28	2,625,000	4.86%	402,738	3,027,738
		2028/29	2,755,000	4.75%	275,113	3,030,113
		2029/30	2,885,000	5.00%	144,250	3,029,250
		TOTAL	15,650,000		7,342,088	22,992,088
Estimated - Du Jour and Line of Credit						
	12,000,000					
		2018/19	12,000,000	variable	4,942,170	16,942,170
		TOTAL	12,000,000		4,942,170	16,942,170
COMBINED DEBT SERVICE						
	48,890,000					
		2018/19	13,595,000		6,376,917	19,971,917
		2019/20	1,690,000		1,342,492	3,032,492
		2020/21	1,785,000		1,244,743	3,029,743
		2021/22	1,900,000		1,132,573	3,032,573
		2022/23	2,015,000		1,013,177	3,028,177
		2023/24	2,145,000		886,555	3,031,555
		2024/25	2,275,000		756,238	3,031,238
		2025/26	2,390,000		642,488	3,032,488
		2026/27	2,500,000		527,738	3,027,738
		2027/28	2,625,000		402,738	3,027,738
		2028/29	2,755,000		275,113	3,030,113

Debt Summary**Lents Town Center URA Debt Redemption Fund**

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2029/30	2,885,000		144,250	3,029,250
TOTAL FUND DEBT SERVICE			38,560,000		14,745,018	53,305,018

Local Improvement District Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	1,220,779	1,274,529	1,257,480	1,272,480	1,272,480	1,272,480
Bond & Note	2,329,971	4,015,596	13,629,814	18,486,186	18,486,186	18,486,186
Miscellaneous	1,160,121	475,587	2,131,000	840,930	840,930	840,930
Total External Revenues	4,710,871	5,765,712	17,018,294	20,599,596	20,599,596	20,599,596
Fund Transfers - Revenue	0	500,000	0	0	0	0
Interagency Revenue	2,241	4,313	146,500	0	0	0
Total Internal Revenues	2,241	504,313	146,500	0	0	0
Beginning Fund Balance	3,326,221	3,054,201	3,781,350	3,642,103	3,642,103	3,642,103
Total Resources	8,039,333	9,324,226	20,946,144	24,241,699	24,241,699	24,241,699
Requirements						
External Materials and Services	1,400	4,275	10,000	10,000	10,000	10,000
Internal Materials and Services	1,663,492	1,352,986	1,475,673	1,485,205	1,485,205	1,485,205
Total Bureau Expenditures	1,664,892	1,357,261	1,485,673	1,495,205	1,495,205	1,495,205
Debt Service	2,775,735	155,354	8,379,399	3,278,789	3,278,789	3,278,789
Contingency	0	0	3,225,490	3,393,547	3,393,541	3,393,541
Fund Transfers - Expense	544,505	4,030,261	7,855,582	16,074,158	16,074,164	16,074,164
Total Fund Expenditures	3,320,240	4,185,615	19,460,471	22,746,494	22,746,494	22,746,494
Ending Fund Balance	3,054,201	3,781,350	0	0	0	0
Total Requirements	8,039,333	9,324,226	20,946,144	24,241,699	24,241,699	24,241,699

Fund Overview

The Local Improvement District (LID) Construction Fund accounts for the activities of the Assessments, Finance, and Foreclosure division of the Auditor's Office. The fund finances local infrastructure improvements. The division records assessments, including those for local improvements financed by the fund, sidewalk repairs, code enforcement violations, and system development charges for Portland Parks & Recreation, the Bureau of Environmental Services, the Water Bureau, and the Bureau of Transportation. The division provides property owners with a variety of financing mechanisms to pay off assessments.

Managing Agency Office of the City Auditor

Significant Changes from Prior Year

The size of the LID Fund budget is primarily driven by the number of LID construction projects in process and under consideration at any one time. The Adopted Budget is increased in FY 2018-19 with financing of approved or planned LID projects.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	12,540,015	13,508,802	19,623,845	20,358,859	20,358,859	20,358,859
Bond & Note	0	10,277,680	0	0	0	0
Miscellaneous	74,154	119,056	140,000	80,000	80,000	80,000
Total External Revenues	12,614,169	23,905,538	19,763,845	20,438,859	20,438,859	20,438,859
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	5,175,002	5,755,894	7,287,646	6,743,892	6,743,892	6,743,892
Total Resources	17,789,171	29,661,432	27,051,491	27,182,751	27,182,751	27,182,751
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	12,033,277	22,358,696	20,431,885	22,217,101	22,217,101	22,217,101
Debt Service Reserves	0	0	6,619,606	4,965,650	4,965,650	4,965,650
Total Fund Expenditures	12,033,277	22,358,696	27,051,491	27,182,751	27,182,751	27,182,751
Ending Fund Balance	5,755,894	7,302,736	0	0	0	0
Total Requirements	17,789,171	29,661,432	27,051,491	27,182,751	27,182,751	27,182,751

Fund Overview

The North Macadam URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the North Macadam Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

North Macadam URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal and Redevelopment Bonds, 2010 Series A						
09/23/2010 - Due 06/15	29,645,000					
		2018/19	2,885,000	5.37%	542,206	3,427,206
		2019/20	3,040,000	5.37%	387,166	3,427,166
		2020/21	3,205,000	5.57%	223,796	3,428,796
		2021/22	810,000	5.57%	45,149	855,149
		TOTAL	9,940,000		1,198,317	11,138,317
Urban Renewal and Redevelopment Bonds, 2010 Series B						
09/23/2010 - Due 06/15	35,280,000					
		2018/19	0		1,535,563	1,535,563
		2019/20	0		1,535,563	1,535,563
		2020/21	0		1,535,563	1,535,563
		2021/22	2,570,000	3.75%	1,535,563	4,105,563
		2022/23	3,525,000	3.75%	1,439,188	4,964,188
		2023/24	3,655,000	5.00%	1,307,000	4,962,000
		2024/25	3,840,000	4.00%	1,124,250	4,964,250
		2025/26	3,995,000	4.00%	970,650	4,965,650
		2026/27	4,150,000	4.00%	810,850	4,960,850
		2027/28	4,320,000	4.25%	644,850	4,964,850
		2028/29	4,500,000	5.00%	461,250	4,961,250
		2029/30	4,725,000	5.00%	236,250	4,961,250
		TOTAL	35,280,000		13,136,538	48,416,538
Estimated - Du Jour and Line of Credit						
	15,000,000					
		2018/19	15,000,000	variable	2,254,333	17,254,333
		TOTAL	15,000,000		2,254,333	17,254,333
COMBINED DEBT SERVICE						
	79,925,000					
		2018/19	17,885,000		4,332,101	22,217,101
		2019/20	3,040,000		1,922,728	4,962,728
		2020/21	3,205,000		1,759,359	4,964,359
		2021/22	3,380,000		1,580,712	4,960,712
		2022/23	3,525,000		1,439,188	4,964,188
		2023/24	3,655,000		1,307,000	4,962,000
		2024/25	3,840,000		1,124,250	4,964,250
		2025/26	3,995,000		970,650	4,965,650
		2026/27	4,150,000		810,850	4,960,850
		2027/28	4,320,000		644,850	4,964,850
		2028/29	4,500,000		461,250	4,961,250
		2029/30	4,725,000		236,250	4,961,250
TOTAL FUND DEBT SERVICE			60,220,000		16,589,187	76,809,187

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	39,621	89,171	161,145	92,687	92,687	92,687
Miscellaneous	141	634	650	0	0	0
Total External Revenues	39,762	89,805	161,795	92,687	92,687	92,687
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	75	6,837	9,025	0	0	0
Total Resources	39,837	96,642	170,820	92,687	92,687	92,687
Requirements						
External Materials and Services	33,000	87,600	170,820	92,687	92,687	92,687
Total Bureau Expenditures	33,000	87,600	170,820	92,687	92,687	92,687
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	6,837	9,042	0	0	0	0
Total Requirements	39,837	96,642	170,820	92,687	92,687	92,687

Fund Overview

The Parkrose Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative (NPI). This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

The significant increase in revenue in the Parkrose NPI fund from FY 2016-17 to FY 2017-18 is due to a combination of higher assessed values and lower-than-forecast rate truncation.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Property Management License Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Licenses & Permits	5,184,872	5,295,617	5,621,000	5,479,000	5,479,000	5,479,000
Miscellaneous	3,560	5,051	5,525	5,000	5,000	5,000
Total External Revenues	5,188,432	5,300,668	5,626,525	5,484,000	5,484,000	5,484,000
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	14,020	14,567	40,165	30,000	30,000	30,000
Total Resources	5,202,452	5,315,235	5,666,690	5,514,000	5,514,000	5,514,000
Requirements						
External Materials and Services	5,121,937	5,207,674	5,523,954	5,392,199	5,392,199	5,392,199
Internal Materials and Services	40,948	42,395	77,571	76,801	76,801	76,801
Total Bureau Expenditures	5,162,885	5,250,069	5,601,525	5,469,000	5,469,000	5,469,000
Contingency	0	0	40,165	20,000	20,000	20,000
Fund Transfers - Expense	25,000	25,000	25,000	25,000	25,000	25,000
Total Fund Expenditures	25,000	25,000	65,165	45,000	45,000	45,000
Ending Fund Balance	14,567	40,166	0	0	0	0
Total Requirements	5,202,452	5,315,235	5,666,690	5,514,000	5,514,000	5,514,000

Fund Overview

The Property Management License Fund receives revenue from the business property management license fee payable by property managers of properties within the two Enhanced Services Districts (Clean & Safe and Lloyd districts). This fee supports enhanced services within the two districts. The fund transfers payments to the Revenue Division within the Bureau of Revenue & Financial Services for reimbursement of a set level of program costs.

The purpose of the program is to keep the areas within the two districts vital and attractive to businesses, shoppers, visitors, and residents.

Clean & Safe, Inc., in accordance with a management agreement with the City of Portland, provides the following services:

- ◆ Enhanced security
- ◆ Sidewalk and graffiti cleaning
- ◆ Business recruitment, retention, and marketing services in the central business district

Go Lloyd, in accordance with their contract with the City, provides the following services:

- ◆ Transportation management
- ◆ District Attorney prosecution and crime prevention
- ◆ Holladay Street landscape maintenance
- ◆ Lloyd Eco District services

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	29,732,592	36,365,090	36,950,000	43,681,573	43,681,573	43,681,573
Miscellaneous	144,344	256,096	250,000	125,000	125,000	125,000
Total External Revenues	29,876,936	36,621,186	37,200,000	43,806,573	43,806,573	43,806,573
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	8,062,583	10,322,824	11,778,703	8,484,543	8,484,543	8,484,543
Total Resources	37,939,519	46,944,010	48,978,703	52,291,116	52,291,116	52,291,116
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	27,616,695	35,141,270	40,691,455	44,672,258	44,672,258	44,672,258
Debt Service Reserves	0	0	8,287,248	7,618,858	7,618,858	7,618,858
Total Fund Expenditures	27,616,695	35,141,270	48,978,703	52,291,116	52,291,116	52,291,116
Ending Fund Balance	10,322,824	11,802,740	0	0	0	0
Total Requirements	37,939,519	46,944,010	48,978,703	52,291,116	52,291,116	52,291,116

Fund Overview

The River District URA Debt Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the River District Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district.

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Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

River District URA Debt Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2012 Series A (Taxable)						
07/10/2012 - Due 06/15	24,250,000					
		2018/19	1,805,000	3.39%	563,743	2,368,743
		2019/20	1,865,000	3.53%	502,482	2,367,482
		2020/21	1,930,000	3.73%	436,647	2,366,647
		2021/22	2,005,000	3.78%	364,658	2,369,658
		2022/23	2,080,000	3.98%	288,869	2,368,869
		2023/24	2,165,000	4.13%	206,085	2,371,085
		2024/25	2,255,000	4.28%	116,671	2,371,671
		2025/26	455,000	4.43%	20,157	475,157
		TOTAL	14,560,000		2,499,311	17,059,311
Urban Renewal & Redevelopment Bonds, 2012 Series B (Tax-Exempt Governmental)						
07/10/2012 - Due 06/15	34,140,000					
		2018/19	3,485,000	4.00%	1,010,800	4,495,800
		2019/20	3,625,000	5.00%	871,400	4,496,400
		2020/21	3,805,000	4.00%	690,150	4,495,150
		2021/22	3,960,000	5.00%	537,950	4,497,950
		2022/23	4,155,000	5.00%	339,950	4,494,950
		2023/24	0		132,200	132,200
		2024/25	0		132,200	132,200
		2025/26	0		132,200	132,200
		2026/27	0		132,200	132,200
		2027/28	0		132,200	132,200
		2028/29	0		132,200	132,200
		2029/30	0		132,200	132,200
		2030/31	175,000	4.00%	132,200	307,200
		2031/32	3,130,000	4.00%	125,200	3,255,200
		TOTAL	22,335,000		4,633,050	26,968,050
Urban Renewal & Redevelopment Bonds, 2012 Series C (Tax-Exempt Non-AMT Private Activity)						
07/10/2012 - Due 06/15	15,275,000					
		2018/19	0	0.00%	751,250	751,250
		2019/20	0	0.00%	751,250	751,250
		2020/21	0	0.00%	751,250	751,250
		2021/22	0	0.00%	751,250	751,250
		2022/23	0	0.00%	751,250	751,250
		2023/24	0	0.00%	751,250	751,250
		2024/25	0	0.00%	751,250	751,250
		2025/26	1,895,000	5.00%	751,250	2,646,250
		2026/27	2,465,000	4.49%	656,500	3,121,500
		2027/28	2,570,000	5.00%	545,750	3,115,750
		2028/29	2,700,000	5.00%	417,250	3,117,250

Debt Summary

River District URA Debt Redemption Fund

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2029/30	2,835,000	5.00%	282,250	3,117,250
		2030/31	2,810,000	5.00%	140,500	2,950,500
		TOTAL	15,275,000		8,052,250	23,327,250
Estimated - Du Jour and Line of Credit						
	28,000,000					
		2018/19	28,000,000	variable	9,056,464	37,056,464
		TOTAL	28,000,000		9,056,464	37,056,464
COMBINED DEBT SERVICE						
	101,665,000					
		2018/19	33,290,000		11,382,257	44,672,257
		2019/20	5,490,000		2,125,132	7,615,132
		2020/21	5,735,000		1,878,047	7,613,047
		2021/22	5,965,000		1,653,858	7,618,858
		2022/23	6,235,000		1,380,069	7,615,069
		2023/24	2,165,000		1,089,535	3,254,535
		2024/25	2,255,000		1,000,121	3,255,121
		2025/26	2,350,000		903,607	3,253,607
		2026/27	2,465,000		788,700	3,253,700
		2027/28	2,570,000		677,950	3,247,950
		2028/29	2,700,000		549,450	3,249,450
		2029/30	2,835,000		414,450	3,249,450
		2030/31	2,985,000		272,700	3,257,700
		2031/32	3,130,000		125,200	3,255,200
TOTAL FUND DEBT SERVICE			80,170,000		24,241,075	104,411,075

Rosewood NPI Debt Service Fund

Fund Summary

Community Development Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	22,204	130,236	99,330	93,409	93,409	93,409
Miscellaneous	79	842	400	0	0	0
Total External Revenues	22,283	131,078	99,730	93,409	93,409	93,409
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	840	2,123	4,994	0	0	0
Total Resources	23,123	133,201	104,724	93,409	93,409	93,409
Requirements						
External Materials and Services	21,000	128,200	104,724	93,409	93,409	93,409
Total Bureau Expenditures	21,000	128,200	104,724	93,409	93,409	93,409
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	2,123	5,001	0	0	0	0
Total Requirements	23,123	133,201	104,724	93,409	93,409	93,409

Fund Overview

The Rosewood Neighborhood Prosperity Initiative Urban Renewal Area is one of six urban renewal areas under the City's Neighborhood Prosperity Initiative. This fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in this urban renewal area. This fund accounts for the allocation of resources to pay indebtedness related to improvements done in accordance with the urban renewal plan.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	7,637,194	6,683,257	8,211,093	6,407,778	6,407,778	6,407,778
Miscellaneous	97,830	136,163	105,000	105,000	105,000	105,000
Total External Revenues	7,735,024	6,819,420	8,316,093	6,512,778	6,512,778	6,512,778
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	9,307,864	9,861,515	8,292,000	9,640,000	9,640,000	9,640,000
Total Resources	17,042,888	16,680,935	16,608,093	16,152,778	16,152,778	16,152,778
Requirements						
External Materials and Services	0	1,000,000	0	0	0	0
Total Bureau Expenditures	0	1,000,000	0	0	0	0
Debt Service	7,181,373	7,179,375	7,181,094	10,495,322	10,495,322	10,495,322
Debt Service Reserves	0	0	9,426,999	5,657,456	5,657,456	5,657,456
Total Fund Expenditures	7,181,373	7,179,375	16,608,093	16,152,778	16,152,778	16,152,778
Ending Fund Balance	9,861,515	8,501,560	0	0	0	0
Total Requirements	17,042,888	16,680,935	16,608,093	16,152,778	16,152,778	16,152,778

Fund Overview

The South Park Blocks Redemption Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the South Park Blocks Urban Renewal Area. This fund accounts for resources, and the allocation thereof, to pay principal and interest on tax increment bonded indebtedness associated with financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in July 2008 with the final payment scheduled for June of 2024.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

South Park Blocks Redemption Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2008 Series A (Taxable)						
7/16/2008 - Due 06/15	34,580,000					
		2018/19	3,360,000	6.08%	204,322	3,564,322
		TOTAL	3,360,000		204,322	3,564,322
Urban Renewal & Redevelopment and Refunding Bonds, 2008 Series B (Tax-Exempt)						
7/16/2008 - Due 06/15	32,020,000					
		2018/19	5,330,000	5.00%	1,601,000	6,931,000
		2019/20	5,845,000	5.00%	1,334,500	7,179,500
		2020/21	4,060,000	5.00%	1,042,250	5,102,250
		2021/22	4,265,000	5.00%	839,250	5,104,250
		2022/23	4,480,000	5.00%	626,000	5,106,000
		2023/24	8,040,000	5.00%	402,000	8,442,000
		TOTAL	32,020,000		5,845,000	37,865,000
COMBINED DEBT SERVICE						
	66,600,000					
		2018/19	8,690,000		1,805,322	10,495,322
		2019/20	5,845,000		1,334,500	7,179,500
		2020/21	4,060,000		1,042,250	5,102,250
		2021/22	4,265,000		839,250	5,104,250
		2022/23	4,480,000		626,000	5,106,000
		2023/24	8,040,000		402,000	8,442,000
TOTAL FUND DEBT SERVICE			35,380,000		6,049,322	41,429,322

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	126,226	924,550	656,318	634,566	634,566	634,566
Intergovernmental	13,531,151	46,115,841	65,683,896	63,530,144	62,422,944	62,582,944
Miscellaneous	4,103,442	5,840,596	7,134,946	5,243,142	5,243,142	5,243,142
Total External Revenues	17,760,819	52,880,987	73,475,160	69,407,852	68,300,652	68,460,652
Fund Transfers - Revenue	0	190,000	80,000	0	0	0
Total Internal Revenues	0	190,000	80,000	0	0	0
Beginning Fund Balance	17,684,575	19,732,864	454,921	6,423,671	6,444,035	6,444,035
Total Resources	35,445,394	72,803,851	74,010,081	75,831,523	74,744,687	74,904,687
Requirements						
Personnel Services	2,382,244	2,695,129	3,281,222	3,129,805	3,129,805	3,129,805
External Materials and Services	11,536,699	25,723,845	68,191,571	69,756,796	68,640,246	68,800,246
Internal Materials and Services	1,030,933	1,145,306	1,220,946	1,124,947	1,148,875	1,148,875
Capital Outlay	0	20,745,411	825,000	1,000,000	1,000,000	1,000,000
Total Bureau Expenditures	14,949,876	50,309,691	73,518,739	75,011,548	73,918,926	74,078,926
Contingency	0	0	147,394	188,301	164,373	164,373
Fund Transfers - Expense	762,654	463,251	343,948	631,674	661,388	661,388
Total Fund Expenditures	762,654	463,251	491,342	819,975	825,761	825,761
Ending Fund Balance	19,732,864	22,030,909	0	0	0	0
Total Requirements	35,445,394	72,803,851	74,010,081	75,831,523	74,744,687	74,904,687

Fund Overview

Structure

The Tax Increment Financing (TIF) Reimbursement Fund accounts for the reimbursement of housing-related costs that are funded from tax increment proceeds in the various Prosper Portland (formerly known as the Portland Development Commission) urban renewal areas. Eligible costs are incurred by the Portland Housing Bureau for each individual urban renewal area (URA) and then reimbursed by Prosper Portland.

Sub-funds exist for each URA, as well as for each property asset that generates income. Activity is booked directly to the sub-funds and includes personnel services, loan disbursements, subrecipient contract payments, and indirect costs, as well as loan receivables and repayment program income. TIF affordable housing program income is netted from TIF reimbursements from Prosper Portland.

Carryover

Appropriations remaining at the end of the fiscal year are carried over in the Fall Supplemental Budget Process of the following fiscal year. The supplemental budget includes obligated carryover, appropriation for projects that have been authorized and budgeted in the prior year, and carryover appropriation for expanded projects or new requests.

Managing Agency

Portland Housing Bureau

Significant Changes from Prior Year

TIF resources budgeted in FY 2018-19 are roughly equivalent to resources expended in FY 2016-17 and allocated in the FY 2017-18 Revised Budget. PHB has also adjusted its forecast to align with staff and provider capacity, anticipating that resources will extend slightly further into the future. There will still be a significant decline in available funding over the next five years as URAs expire or reach maximum indebtedness and changes with project and construction timing continue.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	9,976,236	8,727,599	9,532,539	8,538,793	8,538,793	8,538,793
Miscellaneous	98,440	136,973	100,000	75,000	75,000	75,000
Total External Revenues	10,074,676	8,864,572	9,632,539	8,613,793	8,613,793	8,613,793
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	8,266,325	8,851,323	7,950,000	8,420,000	8,420,000	8,420,000
Total Resources	18,341,001	17,715,895	17,582,539	17,033,793	17,033,793	17,033,793
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	9,489,678	9,493,542	9,492,539	9,487,935	9,487,935	9,487,935
Debt Service Reserves	0	0	8,090,000	7,545,858	7,545,858	7,545,858
Total Fund Expenditures	9,489,678	9,493,542	17,582,539	17,033,793	17,033,793	17,033,793
Ending Fund Balance	8,851,323	8,222,353	0	0	0	0
Total Requirements	18,341,001	17,715,895	17,582,539	17,033,793	17,033,793	17,033,793

Fund Overview

The Waterfront Renewal Bond Sinking Fund is used to achieve a proper matching of revenues and expenditures related to financing public improvements in the Downtown Waterfront Urban Renewal Area. This fund accounts for the allocation of resources to pay principal and interest on tax increment bonded indebtedness related to financing and refinancing of improvements in this district. The final long-term bonds were issued for this district in April of 2008 with the final payment scheduled for June of 2024.

Prosper Portland serves as the City's agent for developing and managing urban renewal districts. The primary funding sources for improvements to urban renewal areas are tax increment proceeds and program income derived from the investment of tax increment funds.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services

Waterfront Renewal Bond Sinking Fund

Debt Summary

Community Development Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Urban Renewal & Redevelopment Bonds, 2008 Series A						
04/22/08 - Due 6/15	50,165,000					
		2018/19	2,520,000	6.30%	1,858,185	4,378,185
		2019/20	2,680,000	6.30%	1,699,425	4,379,425
		2020/21	5,415,000	6.30%	1,530,585	6,945,585
		2021/22	5,760,000	6.30%	1,189,440	6,949,440
		2022/23	6,120,000	6.30%	826,560	6,946,560
		2023/24	7,000,000	6.30%	441,000	7,441,000
		TOTAL	29,495,000		7,545,195	37,040,195
Urban Renewal & Redevelopment Refunding Bonds, 2011 Series A						
7/6/2011 - Due 6/15	30,370,000					
		2018/19	4,645,000	5.00%	464,750	5,109,750
		2019/20	4,880,000	4.76%	232,500	5,112,500
		TOTAL	9,525,000		697,250	10,222,250
COMBINED DEBT SERVICE						
	80,535,000					
		2018/19	7,165,000		2,322,935	9,487,935
		2019/20	7,560,000		1,931,925	9,491,925
		2020/21	5,415,000		1,530,585	6,945,585
		2021/22	5,760,000		1,189,440	6,949,440
		2022/23	6,120,000		826,560	6,946,560
		2023/24	7,000,000		441,000	7,441,000
TOTAL FUND DEBT SERVICE			39,020,000		8,242,445	47,262,445

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	10,694	10,045	0	0	0	0
Total External Revenues	10,694	10,045	0	0	0	0
Fund Transfers - Revenue	2,462,451	1,956,730	1,978,101	1,737,985	1,737,985	1,737,985
Total Internal Revenues	2,462,451	1,956,730	1,978,101	1,737,985	1,737,985	1,737,985
Beginning Fund Balance	1,674,522	1,676,017	1,673,047	1,676,062	1,676,062	1,676,062
Total Resources	4,147,667	3,642,792	3,651,148	3,414,047	3,414,047	3,414,047
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	2,471,650	1,966,730	1,978,101	1,741,000	1,741,000	1,741,000
Debt Service Reserves	0	0	1,673,047	1,673,047	1,673,047	1,673,047
Total Fund Expenditures	2,471,650	1,966,730	3,651,148	3,414,047	3,414,047	3,414,047
Ending Fund Balance	1,676,017	1,676,062	0	0	0	0
Total Requirements	4,147,667	3,642,792	3,651,148	3,414,047	3,414,047	3,414,047

Fund Overview

The Gas Tax Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures related to the debt financing of Portland Bureau of Transportation projects. Resources are from gas tax revenues, which consist of the City's share of the state and county collections.

Managing Agency Portland Bureau of Transportation

Gas Tax Bond Redemption Fund

Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Gas Tax Revenue Bonds, 2011 Series A						
11/22/2011 - Due 2/1	15,400,000					
		2018/19	1,445,000	5.00%	296,000	1,741,000
		2019/20	1,520,000	5.00%	223,750	1,743,750
		2020/21	1,595,000	3.00%	147,750	1,742,750
		2021/22	1,640,000	3.00%	99,900	1,739,900
		2022/23	1,690,000	3.00%	50,700	1,740,700
		TOTAL	7,890,000		818,100	8,708,100
COMBINED DEBT SERVICE						
	15,400,000					
		2018/19	1,445,000		296,000	1,741,000
		2019/20	1,520,000		223,750	1,743,750
		2020/21	1,595,000		147,750	1,742,750
		2021/22	1,640,000		99,900	1,739,900
		2022/23	1,690,000		50,700	1,740,700
TOTAL FUND DEBT SERVICE			7,890,000		818,100	8,708,100

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	14,247,064	13,426,775	14,231,363	13,166,126	13,166,126	13,166,126
Miscellaneous	102,808	164,162	101,000	100,000	100,000	100,000
Total External Revenues	14,349,872	13,590,937	14,332,363	13,266,126	13,266,126	13,266,126
Fund Transfers - Revenue	0	0	250,000	0	0	0
Interagency Revenue	898,995	952,916	1,001,568	1,056,878	1,056,878	1,056,878
Total Internal Revenues	898,995	952,916	1,251,568	1,056,878	1,056,878	1,056,878
Beginning Fund Balance	9,632,093	12,643,844	12,052,281	11,463,597	11,463,597	11,463,597
Total Resources	24,880,960	27,187,697	27,636,212	25,786,601	25,786,601	25,786,601
Requirements						
Personnel Services	254,411	380,071	508,610	475,952	475,952	475,952
External Materials and Services	4,660,464	5,345,349	6,664,381	4,376,292	4,726,292	4,726,292
Internal Materials and Services	1,917,758	2,782,502	5,799,093	3,422,463	3,380,811	3,380,775
Capital Outlay	0	0	6,572,449	13,658,416	13,658,416	13,658,416
Total Bureau Expenditures	6,832,633	8,507,922	19,544,533	21,933,123	22,241,471	22,241,435
Debt Service	1,879,500	1,876,000	1,876,200	1,879,200	1,879,200	1,879,200
Contingency	0	0	5,738,754	1,469,296	1,151,673	1,151,709
Fund Transfers - Expense	3,524,983	2,674,964	476,725	504,982	514,257	514,257
Total Fund Expenditures	5,404,483	4,550,964	8,091,679	3,853,478	3,545,130	3,545,166
Ending Fund Balance	12,643,844	14,128,811	0	0	0	0
Total Requirements	24,880,960	27,187,697	27,636,212	25,786,601	25,786,601	25,786,601

Fund Overview

The Parking Facilities Fund supports the operations and maintenance of the City-owned parking garages in the SmartPark garage system, which include about 3,800 parking spaces and about 72,000 square feet of commercial space. The parking garage facilities are located in downtown Portland at SW First and Jefferson, SW Third and Alder, SW Fourth and Yamhill, SW Tenth and Yamhill, NW Naito and Davis, and O'Bryant Square.

If funds are available, the Parking Facilities Fund makes a transfer to the Transportation Operating Fund for operating support. In FY 2018-19, these excess resources are needed to fund the SW Tenth and Yamhill garage project. There is no transfer budgeted in FY 2018-19.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

The major multi-year reconstruction project for the SW Tenth & Yamhill parking garage is expected to be completed in FY 2019-20.

Parking Facilities Fund

Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Refunding Bonds, 2009 Series A (Central City Streetcar)						
04/15/1999 - Due 04/01	21,450,000					
		2018/19	1,485,000	4.00%	394,200	1,879,200
		2019/20	1,550,000	4.00%	334,800	1,884,800
		2020/21	1,600,000	4.00%	272,800	1,872,800
		2021/22	1,675,000	4.00%	208,800	1,883,800
		2022/23	1,740,000	4.00%	141,800	1,881,800
		2023/24	1,805,000	4.00%	72,200	1,877,200
TOTAL FUND DEBT SERVICE			9,855,000		1,424,600	11,279,600

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	0	9,787,463	18,539,874	18,500,000	18,500,000	18,500,000
Licenses & Permits	8,375,150	11,491,538	9,894,300	11,280,000	11,280,000	11,280,000
Charges for Services	62,463,665	83,672,293	72,231,402	82,031,576	82,031,576	82,531,576
Intergovernmental	74,687,073	72,509,930	73,547,041	92,391,520	92,391,520	92,391,520
Bond & Note	13,824,403	59,714,761	13,374,506	5,000,000	5,000,000	22,000,000
Miscellaneous	6,183,317	7,365,494	2,063,447	1,998,430	1,998,430	1,998,430
Total External Revenues	165,533,608	244,541,479	189,650,570	211,201,526	211,201,526	228,701,526
Fund Transfers - Revenue	32,821,655	24,493,698	30,618,783	32,363,900	30,863,900	30,863,900
Interagency Revenue	27,670,348	26,437,990	31,422,702	31,245,742	31,245,742	31,245,742
Total Internal Revenues	60,492,003	50,931,688	62,041,485	63,609,642	62,109,642	62,109,642
Beginning Fund Balance	67,731,639	109,773,443	123,707,487	193,233,969	193,233,969	180,233,969
Total Resources	293,757,250	405,246,610	375,399,542	468,045,137	466,545,137	471,045,137
Requirements						
Personnel Services	73,615,530	79,776,297	96,254,411	111,638,913	110,888,913	112,213,720
External Materials and Services	47,394,594	58,468,467	62,181,991	70,237,734	70,237,734	69,912,330
Internal Materials and Services	22,174,797	24,426,764	28,522,542	28,014,415	28,014,415	27,893,962
Capital Outlay	7,788,382	13,179,795	52,215,552	83,463,907	82,713,907	86,713,907
Total Bureau Expenditures	150,973,303	175,851,323	239,174,496	293,354,969	291,854,969	296,733,919
Debt Service	23,258,057	54,045,810	15,753,661	15,953,571	15,953,571	15,953,571
Contingency	0	0	110,151,678	148,660,747	148,333,829	147,954,879
Fund Transfers - Expense	9,752,447	10,147,358	10,319,707	10,075,850	10,402,768	10,402,768
Total Fund Expenditures	33,010,504	64,193,168	136,225,046	174,690,168	174,690,168	174,311,218
Ending Fund Balance	109,773,443	165,202,119	0	0	0	0
Total Requirements	293,757,250	405,246,610	375,399,542	468,045,137	466,545,137	471,045,137

Fund Overview

The Transportation Operating Fund accounts for all revenues and expenditures related to transportation operations, maintenance, capital improvements and administration and support for the Portland Bureau of Transportation.

External revenues include gas taxes; parking fees and fines; intergovernmental revenues from federal, state, and local sources; and cost recovery revenues (service charges, licenses, and permits). Internal revenues include reimbursement for services from other City funds and operations. The largest reimbursements are from the Bureau of Environmental Services for maintenance of the sewer system, the General Fund for streetlights, and the Local Improvement District Fund for work associated with local improvement districts.

It should be noted that PBOT performs an annual review and update of transportation service charges and fees. Each year, Council approves PBOT fees through an ordinance in May for the next fiscal year.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

The 2017 Oregon legislature passed House Bill 2017 (HB 2017) that provided significant transportation funding through increases to the motor vehicle fuels tax, weight-mile tax and DMV fees. The legislation is projected to increase funding in FY 2018-19 by \$16.6 million and up to \$35.0 million by FY 2026-27. The allocation of these new resources is described in the bureau's decision package narratives.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2012 Series C (Portland Milwaukie Light Rail Project)						
09/20/2012 - Due 9/1	36,160,000					
		2018/19	1,520,000	4.00%	985,700	2,505,700
		2019/20	1,585,000	4.00%	923,600	2,508,600
		2020/21	1,645,000	4.00%	859,000	2,504,000
		2021/22	1,725,000	5.00%	782,975	2,507,975
		2022/23	1,810,000	5.00%	694,600	2,504,600
		2023/24	1,885,000	3.00%	621,075	2,506,075
		2024/25	1,940,000	3.00%	563,700	2,503,700
		2025/26	2,000,000	3.00%	504,600	2,504,600
		2026/27	2,060,000	3.00%	443,700	2,503,700
		2027/28	2,125,000	3.00%	380,925	2,505,925
		2028/29	2,190,000	3.00%	316,200	2,506,200
		2029/30	2,255,000	3.00%	249,525	2,504,525
		2030/31	2,325,000	3.00%	180,825	2,505,825
		2031/32	2,395,000	3.00%	110,025	2,505,025
		2032/33	2,470,000	3.00%	37,050	2,507,050
		TOTAL	29,930,000		7,653,500	37,583,500
Limited Tax Revenue Bonds, 2014 Series A (Sellwood Bridge)						
06/17/2014 - Due 6/1	44,215,000					
		2018/19	1,635,000	5.00%	1,765,700	3,400,700
		2019/20	1,715,000	5.00%	1,683,950	3,398,950
		2020/21	1,800,000	5.00%	1,598,200	3,398,200
		2021/22	1,890,000	5.00%	1,508,200	3,398,200
		2022/23	1,985,000	5.00%	1,413,700	3,398,700
		2023/24	2,085,000	5.00%	1,314,450	3,399,450
		2024/25	2,190,000	5.00%	1,210,200	3,400,200
		2025/26	2,300,000	5.00%	1,100,700	3,400,700
		2026/27	2,415,000	5.00%	985,700	3,400,700
		2027/28	2,535,000	5.00%	864,950	3,399,950
		2028/29	2,660,000	5.00%	738,200	3,398,200
		2029/30	2,795,000	4.00%	605,200	3,400,200
		2030/31	2,905,000	4.00%	493,400	3,398,400
		2031/32	3,020,000	4.00%	377,200	3,397,200
		2032/33	3,140,000	4.00%	256,400	3,396,400
		2033/34	3,270,000	4.00%	130,800	3,400,800
		TOTAL	38,340,000		16,046,950	54,386,950
2012 Parking Meter Lease						
12/20/2012 - Due 12/20	580,000					
		2018/19	86,752		2,065	88,817
		TOTAL	86,752		2,065	88,817

Transportation Operating Fund

Debt Summary

Transportation and Parking Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2016 Series A (Green Bonds - Lighting Efficiency Project)						
11/29/2016 - Due 4/1	16,220,000					
		2018/19	1,375,000	5.00%	657,500	2,032,500
		2019/20	1,445,000	5.00%	588,750	2,033,750
		2020/21	1,520,000	5.00%	516,500	2,036,500
		2021/22	1,595,000	5.00%	440,500	2,035,500
		2022/23	1,675,000	5.00%	360,750	2,035,750
		2023/24	1,755,000	5.00%	277,000	2,032,000
		2024/25	1,845,000	5.00%	189,250	2,034,250
		2025/26	1,940,000	5.00%	97,000	2,037,000
		TOTAL	13,150,000		3,127,250	16,277,250
Limited Tax Revenue and Refunding Bonds, 2017 Series A (Sellwood Bridge Project)						
06/15/2017 - Due 4/1	29,165,000					
		2018/19	0		1,257,950	1,257,950
		2019/20	1,080,000	4.00%	1,257,950	2,337,950
		2020/21	1,120,000	5.00%	1,214,750	2,334,750
		2021/22	1,180,000	5.00%	1,158,750	2,338,750
		2022/23	1,235,000	5.00%	1,099,750	2,334,750
		2023/24	1,300,000	5.00%	1,038,000	2,338,000
		2024/25	1,365,000	5.00%	973,000	2,338,000
		2025/26	1,430,000	5.00%	904,750	2,334,750
		2026/27	1,505,000	5.00%	833,250	2,338,250
		2027/28	1,580,000	4.00%	758,000	2,338,000
		2028/29	1,640,000	4.00%	694,800	2,334,800
		2029/30	1,710,000	4.00%	629,200	2,339,200
		2030/31	1,775,000	4.00%	560,800	2,335,800
		2031/32	1,845,000	4.00%	489,800	2,334,800
		2032/33	1,920,000	4.00%	416,000	2,336,000
		2033/34	2,000,000	4.00%	339,200	2,339,200
		2034/35	2,075,000	4.00%	259,200	2,334,200
		2035/36	2,160,000	4.00%	176,200	2,336,200
		2036/37	2,245,000	4.00%	89,800	2,334,800
		TOTAL	29,165,000		14,151,150	43,316,150
State Loan Guarantee (Solo Power)						
	5,000,000					
		2018/19	1,428,000		0	1,428,000
		2019/20	1,428,000		0	1,428,000
		2020/21	359,000		0	359,000
		TOTAL	3,215,000		0	3,215,000

COMBINED DEBT SERVICE

131,340,000

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2018/19	6,044,752		4,668,915	10,713,667
		2019/20	7,253,000		4,454,250	11,707,250
		2020/21	6,444,000		4,188,450	10,632,450
		2021/22	6,390,000		3,890,425	10,280,425
		2022/23	6,705,000		3,568,800	10,273,800
		2023/24	7,025,000		3,250,525	10,275,525
		2024/25	7,340,000		2,936,150	10,276,150
		2025/26	7,670,000		2,607,050	10,277,050
		2026/27	5,980,000		2,262,650	8,242,650
		2027/28	6,240,000		2,003,875	8,243,875
		2028/29	6,490,000		1,749,200	8,239,200
		2029/30	6,760,000		1,483,925	8,243,925
		2030/31	7,005,000		1,235,025	8,240,025
		2031/32	7,260,000		977,025	8,237,025
		2032/33	7,530,000		709,450	8,239,450
		2033/34	5,270,000		470,000	5,740,000
		2034/35	2,075,000		259,200	2,334,200
		2035/36	2,160,000		176,200	2,336,200
		2036/37	2,245,000		89,800	2,334,800
TOTAL FUND DEBT SERVICE			113,886,752		40,980,915	154,867,667

Transportation Reserve Fund

Fund Summary

Transportation and Parking Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	38,426	59,640	40,000	60,000	60,000	60,000
Total External Revenues	38,426	59,640	40,000	60,000	60,000	60,000
Fund Transfers - Revenue	900,000	700,000	700,000	700,000	700,000	700,000
Total Internal Revenues	900,000	700,000	700,000	700,000	700,000	700,000
Beginning Fund Balance	4,248,460	5,186,886	5,926,886	6,706,526	6,706,526	6,706,526
Total Resources	5,186,886	5,946,526	6,666,886	7,466,526	7,466,526	7,466,526
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Contingency	0	0	6,666,886	7,466,526	7,466,526	7,466,526
Total Fund Expenditures	0	0	6,666,886	7,466,526	7,466,526	7,466,526
Ending Fund Balance	5,186,886	5,946,526	0	0	0	0
Total Requirements	5,186,886	5,946,526	6,666,886	7,466,526	7,466,526	7,466,526

Fund Overview

The Transportation Reserve Fund was created in FY 1992-93 in accordance with the transportation reserve policy. The policy designates two types of reserves:

- ◆ Countercyclical reserves to maintain current service level programs or to buffer the impact of major revenue interruptions, such as those caused by an economic recession. Policy sets this reserve amount at five percent of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget, and
- ◆ Emergency reserves to fund major one-time, unexpected requirements, such as those related to a structural failure or road emergency associated with a natural disaster or event. Policy sets this reserve amount at five percent of the Portland Bureau of Transportation's gas tax and on-street parking revenues in the Adopted Budget.

Managing Agency Portland Bureau of Transportation

Significant Changes from Prior Year

Current reserves are not at the levels required by policy. Based on the forecast for gas tax and on-street parking revenues for FY 2018-19, the target for the reserve is \$13.2 million. The fund will receive \$700,000 from the Transportation Operating Fund in FY 2018-19. In future years, this amount will be transferred annually until the policy requirements are met.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	14,852,167	14,439,050	14,100,528	17,163,775	17,030,977	17,030,977
Miscellaneous	52,268	77,660	40,000	20,000	20,000	20,000
Total External Revenues	14,904,435	14,516,710	14,140,528	17,183,775	17,050,977	17,050,977
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	163,510	565,328	375,000	200,000	200,000	200,000
Total Resources	15,067,945	15,082,038	14,515,528	17,383,775	17,250,977	17,250,977
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	14,502,617	14,271,160	14,255,528	17,183,775	17,050,977	17,050,977
Debt Service Reserves	0	0	60,000	0	0	0
Total Fund Expenditures	14,502,617	14,271,160	14,315,528	17,183,775	17,050,977	17,050,977
Ending Fund Balance	565,328	810,878	200,000	200,000	200,000	200,000
Total Requirements	15,067,945	15,082,038	14,515,528	17,383,775	17,250,977	17,250,977

Fund Overview

This fund is used to achieve a proper matching of revenues and expenditures related to the financing and refinancing of general obligation bonds authorized by voters for the renovation of the City's park system, Portland fire station infrastructure, public safety improvements, and affordable housing.

Principal and interest on these bonds are paid from property taxes. The City is obligated to levy an annual ad valorem tax, without limitation to rate or amount, upon all property within the city sufficient to service the debt.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Additional levy collections and corresponding debt service payment in FY 2018-19 result from the second issue of general obligation parks bonds, which were approved by voters in November 2014 under Ballot Measure 26-159.

Bonded Debt Interest and Sinking Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
General Obligation Emergency Facility Refunding Bonds, 2009 Series A						
07/07/2009 - Due 6/1	14,560,000					
		2018/19	1,650,000	4.00%	66,000	1,716,000
		TOTAL	1,650,000		66,000	1,716,000
General Obligation Public Safety Bonds, 2011 Series A						
05/15/2019 - Due 6/1	25,835,000					
		2018/19	1,705,000	3.00%	512,475	2,217,475
		2019/20	1,755,000	3.00%	461,325	2,216,325
		2020/21	1,805,000	3.00%	408,675	2,213,675
		2021/22	1,860,000	3.00%	354,525	2,214,525
		2022/23	1,915,000	3.25%	298,725	2,213,725
		2023/24	1,980,000	3.38%	236,488	2,216,488
		2024/25	2,045,000	4.00%	169,663	2,214,663
		2025/26	2,130,000	4.13%	87,863	2,217,863
		TOTAL	15,195,000		2,529,738	17,724,738
General Obligation Bonds, 2014 Series A (Public Safety Projects and Emergency Facilities Refunding)						
03/27/2014 - Due 6/15	29,795,000					
		2018/19	2,025,000	5.00%	904,700	2,929,700
		2019/20	2,120,000	5.00%	803,450	2,923,450
		2020/21	2,230,000	5.00%	697,450	2,927,450
		2021/22	2,345,000	3.00%	585,950	2,930,950
		2022/23	2,410,000	5.00%	515,600	2,925,600
		2023/24	2,550,000	5.00%	395,100	2,945,100
		2024/25	1,740,000	2.50%	267,600	2,007,600
		2025/26	1,785,000	3.00%	224,100	2,009,100
		2026/27	1,840,000	3.00%	170,550	2,010,550
		2027/28	1,895,000	3.00%	115,350	2,010,350
		2028/29	1,950,000	3.00%	58,500	2,008,500
		TOTAL	22,890,000		4,738,350	27,628,350
General Obligation Public Safety Bonds, 2015 Series A						
06/02/2015 - Due 6/15	17,145,000					
		2018/19	1,005,000	5.00%	586,450	1,591,450
		2019/20	1,055,000	5.00%	536,200	1,591,200
		2020/21	1,110,000	5.00%	483,450	1,593,450
		2021/22	1,165,000	5.00%	427,950	1,592,950
		2022/23	1,220,000	5.00%	369,700	1,589,700
		2023/24	1,280,000	5.00%	308,700	1,588,700
		2024/25	1,345,000	5.00%	244,700	1,589,700
		2025/26	1,415,000	3.00%	177,450	1,592,450
		2026/27	1,455,000	3.00%	135,000	1,590,000
		2027/28	1,500,000	3.00%	91,350	1,591,350

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2028/29	1,545,000	3.00%	46,350	1,591,350
		TOTAL	14,095,000		3,407,300	17,502,300
General Obligation Parks Bonds, 2015 Series C						
07/30/2015 - Due 6/15	23,850,000					
		2018/19	1,410,000	5.00%	696,000	2,106,000
		2019/20	1,480,000	2.00%	625,500	2,105,500
		2020/21	1,510,000	5.00%	595,900	2,105,900
		2021/22	1,585,000	5.00%	520,400	2,105,400
		2022/23	1,665,000	5.00%	441,150	2,106,150
		2023/24	1,750,000	5.00%	357,900	2,107,900
		2024/25	1,835,000	5.00%	270,400	2,105,400
		2025/26	1,925,000	3.00%	178,650	2,103,650
		2026/27	1,985,000	3.00%	120,900	2,105,900
		2027/28	2,045,000	3.00%	61,350	2,106,350
		TOTAL	17,190,000		3,868,150	21,058,150
General Obligation Housing Bonds, 2017 Series A						
05/18/2017 - Due 6/15	35,085,000					
		2018/19	1,185,000		1,289,406	2,474,406
		2019/20	1,245,000		1,230,156	2,475,156
		2020/21	1,305,000		1,167,906	2,472,906
		2021/22	1,375,000		1,102,656	2,477,656
		2022/23	1,440,000		1,033,906	2,473,906
		2023/24	1,515,000		961,906	2,476,906
		2024/25	1,590,000		886,156	2,476,156
		2025/26	1,670,000		806,656	2,476,656
		2026/27	1,750,000		723,156	2,473,156
		2027/28	1,840,000		635,656	2,475,656
		2028/29	1,885,000		589,656	2,474,656
		2029/30	1,940,000		537,819	2,477,819
		2030/31	1,995,000		479,619	2,474,619
		2031/32	2,055,000		419,769	2,474,769
		2032/33	2,115,000		358,119	2,473,119
		2033/34	2,180,000		294,669	2,474,669
		2034/35	2,250,000		226,544	2,476,544
		2035/36	2,320,000		156,231	2,476,231
		2036/37	2,395,000		80,831	2,475,831
		TOTAL	34,050,000		12,980,819	47,030,819
General Obligation Parks Bonds, 2018 Series A						
01/18/2018- Due 6/15	23,445,000					
		2018/19	1,910,000		1,007,733	2,917,733
		2019/20	1,265,000		658,250	1,923,250

Bonded Debt Interest and Sinking Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2020/21	1,290,000		632,950	1,922,950
		2021/22	1,325,000		594,250	1,919,250
		2022/23	1,395,000		528,000	1,923,000
		2023/24	1,465,000		458,250	1,923,250
		2024/25	1,490,000		428,950	1,918,950
		2025/26	1,520,000		399,150	1,919,150
		2026/27	1,565,000		353,550	1,918,550
		2027/28	1,615,000		306,600	1,921,600
		2028/29	4,240,000		258,150	4,498,150
		2029/30	4,365,000		130,950	4,495,950
		TOTAL	23,445,000		5,756,783	29,201,783

General Obligation Emergency Facilities Refunding Bonds, 2018 Series B

04/19/2018 - Due 6/15

8,815,000

		2018/19	650,000	5.00%	448,211	1,098,211
		2019/20	745,000	5.00%	355,375	1,100,375
		2020/21	780,000	5.00%	318,125	1,098,125
		2021/22	815,000	5.00%	279,125	1,094,125
		2022/23	860,000	5.00%	238,375	1,098,375
		2023/24	905,000	5.00%	195,375	1,100,375
		2024/25	950,000	5.00%	150,125	1,100,125
		2025/26	995,000	5.00%	102,625	1,097,625
		2026/27	1,045,000	2.50%	52,875	1,097,875
		2027/28	1,070,000	2.50%	26,750	1,096,750
		TOTAL	8,815,000		2,166,961	10,981,961

COMBINED DEBT SERVICE

178,530,000

		2018/19	11,540,000		5,510,975	17,050,975
		2019/20	9,665,000		4,670,256	14,335,256
		2020/21	10,030,000		4,304,456	14,334,456
		2021/22	10,470,000		3,864,856	14,334,856
		2022/23	10,905,000		3,425,456	14,330,456
		2023/24	11,445,000		2,913,719	14,358,719
		2024/25	10,995,000		2,417,594	13,412,594
		2025/26	11,440,000		1,976,494	13,416,494
		2026/27	9,640,000		1,556,031	11,196,031
		2027/28	9,965,000		1,237,056	11,202,056
		2028/29	9,620,000		952,656	10,572,656
		2029/30	6,305,000		668,769	6,973,769
		2030/31	1,995,000		479,619	2,474,619
		2031/32	2,055,000		419,769	2,474,769
		2032/33	2,115,000		358,119	2,473,119

Debt Summary**Bonded Debt Interest and Sinking Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		3033/34	2,180,000		294,669	2,474,669
		3034/35	2,250,000		226,544	2,476,544
		2035/36	2,320,000		156,231	2,476,231
		2036/37	2,395,000		80,831	2,475,831
TOTAL FUND DEBT SERVICE			137,330,000		35,514,100	172,844,100

City Fleet Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	1,029,433	861,993	1,275,441	1,401,867	1,401,867	1,401,147
Bond & Note	0	0	12,604,127	0	0	0
Miscellaneous	1,208,023	1,128,313	930,132	1,163,378	1,163,378	1,163,378
Total External Revenues	2,237,456	1,990,306	14,809,700	2,565,245	2,565,245	2,564,525
Interagency Revenue	28,016,346	29,092,724	38,013,003	38,848,535	38,885,876	38,873,787
Total Internal Revenues	28,016,346	29,092,724	38,013,003	38,848,535	38,885,876	38,873,787
Beginning Fund Balance	22,312,271	20,509,796	17,017,137	27,269,943	27,269,943	27,269,943
Total Resources	52,566,073	51,592,826	69,839,840	68,683,723	68,721,064	68,708,255
Requirements						
Personnel Services	7,973,084	7,912,218	8,952,806	8,973,082	8,973,082	8,973,082
External Materials and Services	10,618,126	11,977,423	13,801,821	9,828,422	9,828,422	9,686,098
Internal Materials and Services	2,025,355	2,028,526	2,707,510	2,416,983	2,416,983	2,340,925
Capital Outlay	10,200,933	11,066,252	24,564,954	19,840,051	19,880,051	19,865,317
Total Bureau Expenditures	30,817,498	32,984,419	50,027,091	41,058,538	41,098,538	40,865,422
Debt Service	415,727	456,771	1,793,954	1,643,656	1,643,656	623,905
Contingency	0	0	16,832,720	24,765,231	24,708,477	25,948,535
Fund Transfers - Expense	823,052	1,134,500	1,186,075	1,216,298	1,270,393	1,270,393
Total Fund Expenditures	1,238,779	1,591,271	19,812,749	27,625,185	27,622,526	27,842,833
Ending Fund Balance	20,509,796	17,017,136	0	0	0	0
Total Requirements	52,566,073	51,592,826	69,839,840	68,683,723	68,721,064	68,708,255

Fund Overview

The CityFleet Operating Fund accounts for the revenues and expenditures associated with CityFleet's operations. CityFleet's services include: vehicle & equipment acquisitions, maintenance operations, fueling stations, parts management, automotive body repairs, motor pool, rental programs, sustainability program, and metal fabrication. CityFleet also provides fleet policies and procedures related to fleet operations, and has established Intergovernmental Agreements to provide a regional approach for professional fleet services and sustainability goals.

The fund's major source of revenue is service reimbursement transfers from City bureaus. Outside agencies also pay the City for vehicle maintenance services provided.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Debt Summary**City Fleet Operating Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Proposed Line of Credit (Fueling Stations)						
Date - TBD	10,500,000					
		2018/19			79,134	79,134
TOTAL FUND DEBT SERVICE			-		79,134	79,134

Enterprise Business Solutions Services Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	40,173	54,283	37,060	20,000	20,000	20,000
Total External Revenues	40,173	54,283	37,060	20,000	20,000	20,000
Interagency Revenue	13,151,377	11,771,472	10,087,676	9,575,986	9,575,986	9,575,986
Total Internal Revenues	13,151,377	11,771,472	10,087,676	9,575,986	9,575,986	9,575,986
Beginning Fund Balance	3,513,553	3,419,185	3,968,814	4,598,191	5,227,568	5,227,568
Total Resources	16,705,103	15,244,940	14,093,550	14,194,177	14,823,554	14,823,554
Requirements						
Personnel Services	2,406,176	2,465,706	2,669,131	2,331,768	2,331,768	2,331,768
External Materials and Services	2,037,583	876,574	1,414,035	3,078,259	3,078,259	2,853,259
Internal Materials and Services	4,176,892	4,718,725	5,271,318	5,091,297	5,091,297	5,090,097
Capital Outlay	0	0	0	40,000	40,000	40,000
Total Bureau Expenditures	8,620,651	8,061,005	9,354,484	10,541,324	10,541,324	10,315,124
Debt Service	4,398,250	3,036,800	0	0	0	0
Contingency	0	0	4,561,776	3,476,497	4,097,577	4,323,777
Fund Transfers - Expense	267,017	178,322	177,290	176,356	184,653	184,653
Total Fund Expenditures	4,665,267	3,215,122	4,739,066	3,652,853	4,282,230	4,508,430
Ending Fund Balance	3,419,185	3,968,813	0	0	0	0
Total Requirements	16,705,103	15,244,940	14,093,550	14,194,177	14,823,554	14,823,554

Fund Overview

The Enterprise Business Solutions (EBS) Services Fund supports the implementation, maintenance, and continuous improvement of the City's SAP integrated resource planning system. The fund currently supports financial system users and human resources and payroll users in 28 business groups across the City.

Managing Agency Office of Management & Finance, Bureau of Technology Services

Significant Changes from Prior Year

EBS is now a part of the Bureau of Technology Services, and work is underway to begin implementation of the Enterprise Asset Management project. Completion of this two-year project will improve the City's ability to maintain inventory and report on property holdings. This project has experienced several delays due to higher priority projects including the BTS Data Center Move project and the Portland Building Reconstruction project.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	1,916,178	1,547,475	1,377,521	1,463,149	1,463,149	1,463,149
Intergovernmental	145,573	8,590	15,000	15,000	15,000	15,000
Bond & Note	0	15,707,364	59,565,099	87,513,851	87,513,851	87,513,851
Miscellaneous	826,866	837,590	1,096,391	930,047	930,047	930,047
Total External Revenues	2,888,617	18,101,019	62,054,011	89,922,047	89,922,047	89,922,047
Fund Transfers - Revenue	6,507,974	4,417,059	2,706,021	5,272,404	4,122,404	4,122,404
Interagency Revenue	26,359,296	30,123,668	38,527,015	30,123,728	30,180,911	30,015,956
Total Internal Revenues	32,867,270	34,540,727	41,233,036	35,396,132	34,303,315	34,138,360
Beginning Fund Balance	34,887,069	38,754,109	39,835,754	43,129,087	43,129,087	43,129,087
Total Resources	70,642,956	91,395,855	143,122,801	168,447,266	167,354,449	167,189,494
Requirements						
Personnel Services	4,156,592	4,682,173	6,042,275	5,590,217	5,590,217	5,590,217
External Materials and Services	15,333,921	29,788,385	73,906,830	34,623,501	34,684,162	37,399,638
Internal Materials and Services	2,963,163	3,243,619	5,188,510	4,165,507	4,168,216	4,168,015
Capital Outlay	849,735	1,547,216	32,251,709	77,683,736	77,683,736	77,683,736
Total Bureau Expenditures	23,303,411	39,261,393	117,389,324	122,062,961	122,126,331	124,841,606
Debt Service	7,641,013	13,238,905	6,997,128	6,781,962	5,631,962	6,933,305
Contingency	0	0	17,817,928	38,584,966	38,532,247	34,350,674
Fund Transfers - Expense	944,423	927,778	918,421	1,017,377	1,063,909	1,063,909
Total Fund Expenditures	8,585,436	14,166,683	25,733,477	46,384,305	45,228,118	42,347,888
Ending Fund Balance	38,754,109	37,967,779	0	0	0	0
Total Requirements	70,642,956	91,395,855	143,122,801	168,447,266	167,354,449	167,189,494

Fund Overview

The Facilities Services Operating Fund accounts for all of the facilities-related programs and capital projects managed by the Office of Management & Finance. The fund is generally self-sufficient; however, Facilities Services may request General Fund support on behalf of a General Fund bureau to cover project expenses specific to that bureau's facility requirements.

The fund's primary sources of revenue are service reimbursements from City bureaus for space rental and other services, and revenues from tenants occupying City-owned space. Debt issuance is also a resource for capital projects, with the resulting principal and interest obligations generally being incorporated into the rental rates. Services to City-owned space include: building operations, maintenance services, interior space remodels and reconfigurations, janitorial services, security services, property and capital project management, and strategic planning and development.

Managing Agency Office of Management & Finance, Office of the Chief Administrative Officer

Significant Changes from Prior Year

The Facilities Services Operating Fund includes large debt-financed projects such as the Portland Building Reconstruction Project. This project continues into FY 2018-19 and is anticipated to be completed by 2020. The FY 2018-19 Adopted Budget also includes \$5 million in bond and note proceeds for the related Space Optimization project and \$19.7 million in bond and note proceeds for the Jasmine Block project.

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue and Refunding Bonds, 2017 Series A (Archives)						
06/15/2017 - Due 4/1	6,615,000					
		2018/19	490,000	4.00%	286,750	776,750
		2019/20	510,000	4.00%	267,150	777,150
		2020/21	530,000	5.00%	246,750	776,750
		2021/22	560,000	5.00%	220,250	780,250
		2022/23	585,000	5.00%	192,250	777,250
		2023/24	615,000	5.00%	163,000	778,000
		2024/25	650,000	5.00%	132,250	782,250
		2025/26	680,000	5.00%	99,750	779,750
		2026/27	715,000	5.00%	65,750	780,750
		2027/28	750,000	4.00%	30,000	780,000
		TOTAL	6,085,000		1,703,900	7,788,900
Limited Tax Revenue Bonds, 2011 Series B (Emergency Coordination Center Project)						
12/15/2011 - Due 6/1	5,445,000					
		2018/19	380,000	3.00%	94,056	474,056
		2019/20	390,000	3.00%	82,656	472,656
		2020/21	405,000	2.38%	70,956	475,956
		2021/22	415,000	2.50%	61,338	476,338
		2022/23	425,000	2.63%	50,963	475,963
		2023/24	435,000	2.88%	39,806	474,806
		2024/25	450,000	3.00%	27,300	477,300
		2025/26	460,000	3.00%	13,800	473,800
		TOTAL	3,360,000		440,875	3,800,875
Limited Tax Revenue & Refunding Bonds, 2012 Series B - Police Training Facility & Refund 2004 A (Facilities Portion Only)						
05/24/2012 - Due 6/1	21,778,650					
		2018/19	1,375,000	4.00%	234,000	1,609,000
		2019/20	1,435,000	4.00%	179,000	1,614,000
		2020/21	1,490,000	4.00%	121,600	1,611,600
		2021/22	1,550,000	4.00%	62,000	1,612,000
		TOTAL	5,850,000		596,600	6,446,600
Estimated - Portland Building Line of Credit						
5/4/2017	190,000,000					
		2018/19	-	variable	2,732,056	2,732,056
		TOTAL	-		2,732,056	2,732,056
Estimated - Portland Building Space Optimization Line of Credit						
Date - TBD	5,000,000					
		2018/19	-	variable	151,343	151,343
		TOTAL	-		151,343	151,343
Estimated - Jasmine Block Limited Tax Revenue Bonds						

Facilities Services Operating Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Date - TBD	19,712,300					
		2018/19	-		796,975	796,975
		TOTAL	-		796,975	796,975
COMBINED DEBT SERVICE						
	248,550,950					
		2018/19	2,245,000		4,295,180	6,540,180
		2019/20	2,335,000		528,806	2,863,806
		2020/21	2,425,000		439,306	2,864,306
		2021/22	2,525,000		343,588	2,868,588
		2022/23	1,010,000		243,213	1,253,213
		2023/24	1,050,000		202,806	1,252,806
		2024/25	1,100,000		159,550	1,259,550
		2025/26	1,140,000		113,550	1,253,550
		2026/27	715,000		65,750	780,750
		2027/28	750,000		30,000	780,000
TOTAL FUND DEBT SERVICE			15,295,000		6,421,749	21,716,749

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	145	163,569	621,014	1,000,000	1,000,000	1,000,000
Total External Revenues	145	163,569	621,014	1,000,000	1,000,000	1,000,000
Fund Transfers - Revenue	2,438,331	2,433,905	1,865,119	3,218,119	2,218,119	2,218,119
Total Internal Revenues	2,438,331	2,433,905	1,865,119	3,218,119	2,218,119	2,218,119
Beginning Fund Balance	30,601	30,746	0	0	0	0
Total Resources	2,469,077	2,628,220	2,486,133	4,218,119	3,218,119	3,218,119
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	2,438,331	2,597,073	2,486,133	4,218,119	3,218,119	3,218,119
Total Fund Expenditures	2,438,331	2,597,073	2,486,133	4,218,119	3,218,119	3,218,119
Ending Fund Balance	30,746	31,147	0	0	0	0
Total Requirements	2,469,077	2,628,220	2,486,133	4,218,119	3,218,119	3,218,119

Fund Overview

The Governmental Bond Redemption Fund is used to achieve a proper matching of revenues and expenditures for financing the acquisition of equipment and facilities for essential City services. Specifically, this fund accounts for resources, and the allocation thereof, to pay principal and interest on outstanding governmental indebtedness. Debt repaid through this fund includes bonds issued to finance projects including the Clark Center, East Permanent Housing Facility, and the Housing Opportunity Bond program.

Additionally, debt service on a General Fund-secured line of credit for River District Urban Renewal Area capital improvements is paid from this fund.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

Housing In 2015, the City Council passed Resolution 37170 that dedicated a portion of the revenues from the City's share of transient lodging taxes to affordable housing. The City will use up to \$1 million of these revenues to pay debt service on bonds for affordable housing projects, which will be transferred from General Fund resources.

Governmental Bond Redemption Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Refunding Bonds, 2010 Series A (General Fund Portion Only)						
04/22/2010 - Due 4/1	4,840,000					
		2018/19	440,000	3.00%	27,419	467,419
		2019/20	455,000	3.13%	14,219	469,219
		TOTAL	895,000		41,638	936,638
Limited Tax Housing Revenue Bonds, 2005 Series D (Housing Opportunity Bonds)						
6/21/2005 - Due 6/1	6,975,000					
		2018/19	570,000	4.00%	180,700	750,700
		2019/20	590,000	4.00%	157,900	747,900
		2020/21	615,000	4.00%	134,300	749,300
		2021/22	640,000	4.00%	109,700	749,700
		2022/23	665,000	4.00%	84,100	749,100
		2023/24	695,000	4.00%	57,500	752,500
		2024/25	720,000	4.13%	29,700	749,700
		TOTAL	4,495,000		753,900	5,248,900
Estimated - River District General Fund Line of Credit						
	36,000,000					
		2018/19	0	variable	1,000,000	1,000,000
		TOTAL	0		1,000,000	1,000,000
Limited Tax Revenue Bonds, 2018 Series A (Ellington Apartments Project) - estimated						
6/28/2018 - Due 3/1	9,000,000					
		2018/19	790,000		210,000	1,000,000
		2019/20	730,000		270,000	1,000,000
		2020/21	745,000		255,000	1,000,000
		2021/22	765,000		235,000	1,000,000
		2022/23	785,000		215,000	1,000,000
		2023/24	805,000		195,000	1,000,000
		2024/25	825,000		175,000	1,000,000
		2025/26	850,000		150,000	1,000,000
		2026/27	875,000		125,000	1,000,000
		2027/28	900,000		100,000	1,000,000
		2028/29	930,000		70,000	1,000,000
		TOTAL	9,000,000		2,000,000	7,000,000
COMBINED DEBT SERVICE						
	56,815,000					
		2018/19	1,800,000		1,418,119	3,218,119
		2019/20	1,775,000		442,119	2,217,119
		2020/21	1,360,000		389,300	1,749,300
		2021/22	1,405,000		344,700	1,749,700
		2022/23	1,450,000		299,100	1,749,100
		2023/24	1,500,000		252,500	1,752,500

Debt Summary**Governmental Bond Redemption Fund**

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
		2024/25	1,545,000		204,700	1,749,700
		2025/26	850,000		150,000	1,000,000
		2026/27	875,000		125,000	1,000,000
		2027/28	900,000		100,000	1,000,000
		2028/29	930,000		70,000	1,000,000
TOTAL FUND DEBT SERVICE			14,390,000		3,795,538	18,185,538

Health Insurance Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	61,320,855	61,544,510	91,815,513	96,163,201	96,163,201	96,163,201
Miscellaneous	1,039,796	1,489,481	2,025,582	1,157,572	1,157,572	1,157,572
Total External Revenues	62,360,651	63,033,991	93,841,095	97,320,773	97,320,773	97,320,773
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	18,596,694	22,958,693	24,227,369	22,632,366	22,632,366	22,632,366
Total Resources	80,957,345	85,992,684	118,068,464	119,953,139	119,953,139	119,953,139
Requirements						
Personnel Services	1,503,125	1,562,582	1,949,130	1,789,954	1,789,954	1,789,954
External Materials and Services	55,923,383	58,982,874	95,680,810	96,242,571	96,242,571	96,242,571
Internal Materials and Services	397,539	427,083	436,990	431,594	431,594	431,397
Total Bureau Expenditures	57,824,047	60,972,539	98,066,930	98,464,119	98,464,119	98,463,922
Debt Service	32,850	36,092	40,204	43,046	43,046	43,046
Contingency	0	0	19,643,173	21,138,783	21,124,578	21,124,775
Fund Transfers - Expense	141,755	287,136	318,157	307,191	321,396	321,396
Total Fund Expenditures	174,605	323,228	20,001,534	21,489,020	21,489,020	21,489,217
Ending Fund Balance	22,958,693	24,696,917	0	0	0	0
Total Requirements	80,957,345	85,992,684	118,068,464	119,953,139	119,953,139	119,953,139

Fund Overview

The Health Insurance Operating Fund is used to facilitate the collection of revenue and the payment of incurred costs for medical and prescription drug claims, administrative services, chronic disease management, and other expenses for the self-insured medical and dental programs. The City's benefits administration staff, related materials and services, and General Fund overhead charges are budgeted within the Fund.

The Fund is used to pay claims and premiums for the City's non-represented employees, dependents, members of all collective bargaining agreements (with the exception of the Portland Police Association), eligible retirees, and COBRA participants who are eligible employees. This fund collects appropriations from bureaus, employee premium share, and contributions from self-pay retirees and COBRA participants. Claims above \$1,000,000 are paid through stop-loss insurance, which is purchased through a third-party administrator.

Managing Agency Office of Management & Finance, Bureau of Human Resources

Significant Changes from Prior Year

In FY 2018-19, all non-represented employees and union members enrolled in the CityCore or Kaiser medical plan (not eligible dependents) will be required to seek preventive care services (physical check-up once every two calendar years) with their primary care provider to maintain their 5% bundled premium share. Should an employee not meet the standard outlined within the Employee Benefit Handbook or their collective bargaining contract, the member's bundled premium share will increase from 5% to 10%. Ensuring the City has programs in place for detection of cancer and other risk factors will be important in the years to come.

Prescription drug costs were well contained due to the switch to Express Scripts, a prescription benefit plan provider that makes the prescription drugs more affordable. Prescription drug costs will increase at a faster rate than medical trends and inflation because new specialty medications are proving to be effective treatments for complex medical conditions.

The City is implementing a rate increase of 2.5% for the self-insured medical plans in FY 2018-19. This rate increase includes the use of a calculated reserve subsidy valued at 3%. This rate information does not include any increases for the Kaiser health plan. To moderate future cost growth, the City will pursue effective chronic disease management programs and evaluate plan design options to reward employees for healthy living.

Insurance and Claims Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	1,903,555	551,076	445,824	630,124	630,124	630,124
Total External Revenues	1,903,555	551,076	445,824	630,124	630,124	630,124
Interagency Revenue	10,432,201	10,913,471	11,546,071	11,609,301	11,633,229	11,626,690
Total Internal Revenues	10,432,201	10,913,471	11,546,071	11,609,301	11,633,229	11,626,690
Beginning Fund Balance	25,330,654	28,541,744	30,679,775	31,334,156	31,334,156	31,334,156
Total Resources	37,666,410	40,006,291	42,671,670	43,573,581	43,597,509	43,590,970
Requirements						
Personnel Services	1,336,334	1,312,334	1,306,722	1,280,411	1,280,411	1,280,411
External Materials and Services	4,749,874	4,985,401	7,181,688	7,352,553	7,352,553	7,345,979
Internal Materials and Services	2,726,610	2,725,628	2,889,178	2,991,060	2,991,060	2,990,848
Total Bureau Expenditures	8,812,818	9,023,363	11,377,588	11,624,024	11,624,024	11,617,238
Debt Service	77,629	85,294	95,010	95,153	95,153	101,727
Contingency	0	0	31,009,880	31,651,743	31,666,720	31,660,393
Fund Transfers - Expense	234,219	217,859	189,192	202,661	211,612	211,612
Total Fund Expenditures	311,848	303,153	31,294,082	31,949,557	31,973,485	31,973,732
Ending Fund Balance	28,541,744	30,679,775	0	0	0	0
Total Requirements	37,666,410	40,006,291	42,671,670	43,573,581	43,597,509	43,590,970

Fund Overview

The Insurance and Claims Operating Fund provides tort, general liability, and fleet liability claims administration; management of the liability self-insurance program; management of the City's commercial insurance portfolio; and Citywide leadership in loss prevention.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is based on the actuarial study, which recommends a range for the reserve levels needed to cover outstanding incurred liabilities. The range is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level, which takes into account the interest the fund earns on the fund balance. The Insurance and Claims Operating Fund reserves are forecasted at a discounted confidence level of 80%. Interagency revenues are projected on a five-year basis so that, by year five, the fund will achieve the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	725,827	804,821	871,916	892,781	892,781	892,781
Total External Revenues	725,827	804,821	871,916	892,781	892,781	892,781
Fund Transfers - Revenue	3,957,423	4,161,825	4,468,626	3,378,498	3,378,498	3,378,498
Total Internal Revenues	3,957,423	4,161,825	4,468,626	3,378,498	3,378,498	3,378,498
Beginning Fund Balance	1,753,899	1,987,026	750,000	2,124,966	2,124,966	2,124,966
Total Resources	6,437,149	6,953,672	6,090,542	6,396,245	6,396,245	6,396,245
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	4,450,123	4,815,777	5,340,542	5,646,245	5,646,245	5,646,245
Debt Service Reserves	0	0	750,000	750,000	750,000	750,000
Total Fund Expenditures	4,450,123	4,815,777	6,090,542	6,396,245	6,396,245	6,396,245
Ending Fund Balance	1,987,026	2,137,895	0	0	0	0
Total Requirements	6,437,149	6,953,672	6,090,542	6,396,245	6,396,245	6,396,245

Fund Overview

The Pension Debt Redemption Fund is used to achieve proper matching of revenues and expenditures related to the financing of the City's unfunded actuarial accrued pension liability as of December 31, 1997. This fund accounts for the allocation of resources to pay approximately 20% of the principal and interest due on the Limited Tax Pension Obligation Revenue Bonds, 1999 Series C, D, and E. Excluding Prosper Portland, 100% of whose share is paid from this fund, the remaining portion has been allocated and is being paid directly by the funds that benefited from the issuance of the bonds.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Pension Debt Redemption Fund

Debt Summary

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Pension Obligation Revenue Bonds, 1999 Series C						
11/10/1999 - Due 6/1	150,848,346					
		2018/19	0		7,302,088	7,302,088
		2019/20	27,935,000	7.70%	7,302,088	35,237,088
		2020/21	31,495,000	7.70%	5,150,814	36,645,814
		2021/22	35,390,000	7.70%	2,725,384	38,115,384
		2022/23	6,345,175	7.70%	33,294,825	39,640,000
		2023/24	6,105,423	7.93%	35,119,578	41,225,000
		2024/25	5,874,733	7.93%	37,000,268	42,875,000
		2025/26	5,652,228	7.93%	38,937,772	44,590,000
		2026/27	5,438,274	7.93%	40,931,726	46,370,000
		2027/28	5,232,955	7.93%	42,997,045	48,230,000
		2028/29	5,034,559	7.93%	45,120,441	50,155,000
		TOTAL	134,503,346		295,882,028	430,385,374
Limited Tax Pension Obligation Revenue Bonds, 1999 Series D & E						
Periodic Auction Reset Securities (PARS)						
11/10/1999 - Due 6/1	150,000,000					
		2018/19	25,075,000	variable	950,806	26,025,806
		TOTAL	25,075,000		950,806	26,025,806
COMBINED DEBT SERVICE						
	300,848,346					
		2018/19	25,075,000		8,252,894	33,327,894
		2019/20	27,935,000		7,302,088	35,237,088
		2020/21	31,495,000		5,150,814	36,645,814
		2021/22	35,390,000		2,725,384	38,115,384
		2022/23	6,345,175		33,294,825	39,640,000
		2023/24	6,105,423		35,119,578	41,225,000
		2024/25	5,874,733		37,000,268	42,875,000
		2025/26	5,652,228		38,937,772	44,590,000
		2026/27	5,438,274		40,931,726	46,370,000
		2027/28	5,232,955		42,997,045	48,230,000
		2028/29	5,034,559		45,120,441	50,155,000
TOTAL FUND DEBT SERVICE			159,578,346		296,832,834	456,411,180

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	0	0	17,911,955	17,350,675	17,350,675	17,350,675
Miscellaneous	0	7,177,051	1,318,023	107,655	107,655	107,655
Total External Revenues	0	7,177,051	19,229,978	17,458,330	17,458,330	17,458,330
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	0	7,177,051	7,177,052	7,177,052	7,177,052
Total Resources	0	7,177,051	26,407,029	24,635,382	24,635,382	24,635,382
Requirements						
External Materials and Services	0	0	16,764,379	18,687,566	18,687,566	18,687,566
Total Bureau Expenditures	0	0	16,764,379	18,687,566	18,687,566	18,687,566
Contingency	0	0	9,642,650	5,947,816	5,947,816	5,947,816
Total Fund Expenditures	0	0	9,642,650	5,947,816	5,947,816	5,947,816
Ending Fund Balance	0	7,177,051	0	0	0	0
Total Requirements	0	7,177,051	26,407,029	24,635,382	24,635,382	24,635,382

Fund Overview

The Portland Police Association (PPA) Health Insurance Fund is used to facilitate the collection of revenue and the payment of incurred costs for medical and prescription drug claims, administrative services, chronic disease management, and other expenses for the self-insured CityNet medical and dental programs. This Fund was created for FY 2017-18, moving the PPA members to a self-funded model within the City's portfolio. This change was established through collective bargaining.

The Fund is used to pay claims and premiums for sworn employees of the Police Bureau who are members of the Portland Police Association (PPA), retirees of the PPA and COBRA participants who are eligible employees, and dependents of PPA members. This Fund collects appropriations from the Police Bureau on behalf of PPA members, from employee required premium share, and contributions from self-pay retiree and COBRA participants. To manage the risk of this plan, large claims above \$100,000 are paid through stop-loss insurance, which is purchased through a third-party administrator.

Managing Agency Office of Management & Finance, Bureau of Human Resources

Significant Changes from Prior Year

FY 2017-18 was the first year of the Portland Police Association (PPA) Health Insurance Fund. The City had previously purchased insured health plans on behalf of the PPA and no independent fund was required for the administration of healthcare.

Printing & Distribution Services Operating Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	222,191	298,615	177,259	227,196	227,196	227,196
Intergovernmental	755,783	759,773	992,711	1,059,338	1,059,338	1,059,338
Miscellaneous	65,587	56,984	67,360	49,369	49,369	49,369
Total External Revenues	1,043,561	1,115,372	1,237,330	1,335,903	1,335,903	1,335,903
Interagency Revenue	5,739,329	5,967,599	6,637,008	6,683,108	6,785,767	6,772,661
Total Internal Revenues	5,739,329	5,967,599	6,637,008	6,683,108	6,785,767	6,772,661
Beginning Fund Balance	532,801	1,064,188	1,333,704	1,414,931	1,414,931	1,414,931
Total Resources	7,315,691	8,147,159	9,208,042	9,433,942	9,536,601	9,523,495
Requirements						
Personnel Services	1,785,932	1,758,474	1,975,617	1,919,162	1,919,162	1,919,162
External Materials and Services	3,332,895	3,649,051	4,406,867	3,786,702	3,886,702	4,427,332
Internal Materials and Services	645,398	664,822	921,663	950,991	950,991	950,464
Capital Outlay	132,293	310,966	300,000	410,000	410,000	410,000
Total Bureau Expenditures	5,896,518	6,383,313	7,604,147	7,066,855	7,166,855	7,706,958
Debt Service	140,881	154,790	172,422	184,611	184,611	184,611
Contingency	0	0	1,151,829	1,897,091	1,887,383	1,334,174
Fund Transfers - Expense	214,104	275,351	279,644	285,385	297,752	297,752
Total Fund Expenditures	354,985	430,141	1,603,895	2,367,087	2,369,746	1,816,537
Ending Fund Balance	1,064,188	1,333,705	0	0	0	0
Total Requirements	7,315,691	8,147,159	9,208,042	9,433,942	9,536,601	9,523,495

Fund Overview

The Printing & Distribution Services Operating Fund is an internal service fund established to account for Printing & Distribution Division revenues and expenditures. The division provides support services to all City bureaus, Multnomah County, Portland-area State of Oregon departments, and other local governmental agencies. Services include: traditional printing and binding; digital printing and pre-press services; variable data printing; reprographics; the purchase and maintenance of copy machines; citywide paper procurement and management; United States Postal Service mail processing; and inserting, addressing, and delivering mail and supplies.

The main source of revenue is reimbursement from other City bureaus and outside agencies for services provided.

Managing Agency Office of Management & Finance, Bureau of Technology Services

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Total External Revenues	0	0	0	0	0	0
Fund Transfers - Revenue	0	0	250,000	1,237,200	1,237,200	1,237,200
Total Internal Revenues	0	0	250,000	1,237,200	1,237,200	1,237,200
Beginning Fund Balance	0	0	0	0	0	0
Total Resources	0	0	250,000	1,237,200	1,237,200	1,237,200
Requirements						
Personnel Services	0	0	17,728	0	101,628	101,628
External Materials and Services	0	0	232,272	1,237,200	1,135,572	1,135,572
Total Bureau Expenditures	0	0	250,000	1,237,200	1,237,200	1,237,200
Total Fund Expenditures	0	0	0	0	0	0
Ending Fund Balance	0	0	0	0	0	0
Total Requirements	0	0	250,000	1,237,200	1,237,200	1,237,200

Fund Overview

The Public Election Fund provides financing of the election campaigns of certified candidates for nomination or election to City Office, as well as the payment of administrative, enforcement, and other expenses necessary to carry out the functions and duties of Portland City Code Chapter 2.16.020.

In 2016, City Council adopted the Open and Accountable Elections Policy (Ordinance 188152) creating the Public Election Fund and amending Code Chapter 2.16 - Election Reform - in order to be more inclusive through a small donor program. Currently, \$1,237,200 has been allocated to the fund, and a new program director position was created and authorized to oversee the fund. The program will be implemented by the 2020 election cycle.

Significant Changes from Prior Year

On March 21, 2018 City Council passed Ordinance 188872, moving the Public Election Fund to the Special Appropriations budget. This changed the managing agency from the Office of Neighborhood Involvement to the Office of Management & Finance (OMF), which manages Special Appropriations.

Managing Agency Office of Management & Finance

Recreational Cannabis Tax Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Taxes	0	406,270	3,580,000	3,600,000	3,600,000	3,600,000
Miscellaneous	0	2	19,000	15,000	15,000	15,000
Total External Revenues	0	406,272	3,599,000	3,615,000	3,615,000	3,615,000
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	0	0	403,376	1,010,376	1,010,376	1,360,376
Total Resources	0	406,272	4,002,376	4,625,376	4,625,376	4,975,376
Requirements						
Personnel Services	0	0	777,548	2,426,788	2,426,788	2,426,788
External Materials and Services	0	0	2,122,452	1,993,588	1,993,588	2,343,588
Internal Materials and Services	0	2,895	8,800	5,000	5,000	5,000
Capital Outlay	0	0	100,000	200,000	200,000	200,000
Total Bureau Expenditures	0	2,895	3,008,800	4,625,376	4,625,376	4,975,376
Contingency	0	0	993,576	0	0	0
Total Fund Expenditures	0	0	993,576	0	0	0
Ending Fund Balance	0	403,377	0	0	0	0
Total Requirements	0	406,272	4,002,376	4,625,376	4,625,376	4,975,376

Fund Overview

The Recreational Cannabis Tax Fund, established by Resolution 37217, receives revenues from a 3% tax on recreational cannabis sales in the City of Portland to provide funding for the purposes identified in Section 6.07.145 of City Code and costs related to the administration of the tax. Except for those established purposes, in no case shall revenues be transferred from the Recreational Cannabis Tax Fund to the City's General Fund, or any other fund, for any other purpose.

In order to ensure clear budgetary responsibility and controls, the Office of Management & Finance has established bureau-specific sub-funds and will execute interagency letters of agreement with each bureau to detail the roles and responsibilities of each party.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from the Prior Year

The FY 2018-19 budget includes appropriations of recreational marijuana tax revenues to support activities in the Portland Police Bureau, Portland Bureau of Transportation, and Special Appropriations. This is in addition to the portion retained within the Office of Management & Finance to support collection and financial management functions performed by the Revenue Division.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	100,000	0	0	0	0	0
Bond & Note	89,161,591	107,516,242	117,570,255	105,914,044	113,914,044	113,914,044
Miscellaneous	2,147	2,247	0	0	0	0
Total External Revenues	89,263,738	107,518,489	117,570,255	105,914,044	113,914,044	113,914,044
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	245,629	37,280	0	0	0	0
Total Resources	89,509,367	107,555,769	117,570,255	105,914,044	113,914,044	113,914,044
Requirements						
External Materials and Services	89,084,138	107,311,616	117,467,404	105,862,694	113,864,154	113,864,154
Total Bureau Expenditures	89,084,138	107,311,616	117,467,404	105,862,694	113,864,154	113,864,154
Debt Service	387,949	91,588	102,851	51,350	49,890	49,890
Fund Transfers - Expense	0	186	0	0	0	0
Total Fund Expenditures	387,949	91,774	102,851	51,350	49,890	49,890
Ending Fund Balance	37,280	152,379	0	0	0	0
Total Requirements	89,509,367	107,555,769	117,570,255	105,914,044	113,914,044	113,914,044

Fund Overview

The Special Finance and Resource Fund primarily accounts for urban renewal debt proceeds, in which both the liability and revenue are recorded with the City and a transfer is made to Prosper Portland. Prosper Portland is responsible for managing and expending the proceeds. In accordance with Oregon Revised Statutes, a debt service fund has been set up for each of the City's urban renewal areas. The servicing of the urban renewal debt that flows through this fund occurs in the various tax increment debt service funds.

In addition to urban renewal debt, this fund also accounts for other City-issued debt when necessary.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Significant Changes from Prior Year

The amounts in this fund will vary from year-to-year and are primarily driven by the capital financing needs of Prosper Portland and other City projects. In addition to proceeds transferred to Prosper Portland, the fund currently accounts for proceeds of a state loan that are passed through to the Columbia Corridor Drainage Districts Joint Contracting Authority to pay for the cost of an engineering analysis to evaluate the condition of the levee system in Peninsula Drainage District No. 1 and No. 2.

Special Projects Debt Service Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Intergovernmental	7,014,290	8,172,895	7,441,250	7,763,250	7,763,250	7,763,250
Miscellaneous	216,940	1,718,557	0	0	0	0
Total External Revenues	7,231,230	9,891,452	7,441,250	7,763,250	7,763,250	7,763,250
Total Internal Revenues	0	0	0	0	0	0
Beginning Fund Balance	57,158	61,778	0	0	0	0
Total Resources	7,288,388	9,953,230	7,441,250	7,763,250	7,763,250	7,763,250
Requirements						
Total Bureau Expenditures	0	0	0	0	0	0
Debt Service	7,226,610	9,876,956	7,441,250	7,763,250	7,763,250	7,763,250
Total Fund Expenditures	7,226,610	9,876,956	7,441,250	7,763,250	7,763,250	7,763,250
Ending Fund Balance	61,778	76,274	0	0	0	0
Total Requirements	7,288,388	9,953,230	7,441,250	7,763,250	7,763,250	7,763,250

Fund Overview

The Special Projects Debt Service Fund is used to achieve a proper matching of revenues and expenditures related to financing special projects.

Currently, this fund accounts for the allocation of resources to pay principal and interest on bonded indebtedness related to financing of the Convention Center expansion project. The resources to pay the debt service on the Convention Center expansion improvements are received from Multnomah County via the amended Visitor Facilities Intergovernmental Agreement.

Managing Agency Office of Management & Finance, Bureau of Revenue & Financial Services

Debt Summary

Special Projects Debt Service Fund

City Support Services Service Area Funds

BOND DESCRIPTION	Amount Issued	Fiscal Year	Principal	Coupon	Interest	Total P+I
Limited Tax Revenue Bonds, 2001 Series B						
02/13/2001 - Due 6/1	18,058,888					
		2018/19	1,549,480	5.25%	2,450,520	4,000,000
		2019/20	1,457,480	5.30%	2,542,520	4,000,000
		2020/21	1,031,250	5.33%	1,968,750	3,000,000
		2021/22	802,172	5.36%	1,672,828	2,475,000
		TOTAL	4,840,382		8,634,618	13,475,000
Limited Tax Revenue Refunding Bonds, 2011 Series A (Convention Center Completion Project)						
10/06/2011 - Due 6/1	67,015,000					
		2018/19	490,000	5.00%	3,273,250	3,763,250
		2019/20	860,000	5.00%	3,248,750	4,108,750
		2020/21	2,255,000	5.00%	3,205,750	5,460,750
		2021/22	3,005,000	5.00%	3,093,000	6,098,000
		2022/23	6,140,000	5.00%	2,942,750	9,082,750
		2023/24	6,445,000	5.00%	2,635,750	9,080,750
		2024/25	6,770,000	5.00%	2,313,500	9,083,500
		2025/26	7,115,000	5.00%	1,975,000	9,090,000
		2026/27	7,465,000	5.00%	1,619,250	9,084,250
		2027/28	7,840,000	5.00%	1,246,000	9,086,000
		2028/29	8,330,000	5.00%	854,000	9,184,000
		2029/30	8,750,000	5.00%	437,500	9,187,500
		TOTAL	65,465,000		26,844,500	92,309,500
COMBINED DEBT SERVICE						
	85,073,888					
		2018/19	2,039,480		5,723,770	7,763,250
		2019/20	2,317,480		5,791,270	8,108,750
		2020/21	3,286,250		5,174,500	8,460,750
		2021/22	3,807,172		4,765,828	8,573,000
		2022/23	6,140,000		2,942,750	9,082,750
		2023/24	6,445,000		2,635,750	9,080,750
		2024/25	6,770,000		2,313,500	9,083,500
		2025/26	7,115,000		1,975,000	9,090,000
		2026/27	7,465,000		1,619,250	9,084,250
		2027/28	7,840,000		1,246,000	9,086,000
		2028/29	8,330,000		854,000	9,184,000
		2029/30	8,750,000		437,500	9,187,500
TOTAL FUND DEBT SERVICE			70,305,382		35,479,118	105,784,500

Technology Services Fund

Fund Summary

City Support Services Service Area Funds

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Charges for Services	209,148	267,719	284,918	287,232	287,232	287,232
Intergovernmental	4,781,072	4,852,082	4,580,942	4,830,147	4,830,147	4,830,147
Miscellaneous	443,100	688,407	512,937	611,417	611,417	611,417
Total External Revenues	5,433,320	5,808,208	5,378,797	5,728,796	5,728,796	5,728,796
Fund Transfers - Revenue	422,040	0	1,344,555	0	0	0
Interagency Revenue	44,425,984	49,728,644	56,327,813	54,629,266	54,837,675	54,842,903
Total Internal Revenues	44,848,024	49,728,644	57,672,368	54,629,266	54,837,675	54,842,903
Beginning Fund Balance	23,001,460	24,452,128	22,962,239	20,667,878	28,082,180	26,982,180
Total Resources	73,282,804	79,988,980	86,013,404	81,025,940	88,648,651	87,553,879
Requirements						
Personnel Services	26,817,768	27,808,356	30,754,240	30,752,567	30,752,567	30,752,567
External Materials and Services	15,984,495	20,344,352	21,189,676	20,071,918	23,690,378	23,691,378
Internal Materials and Services	3,605,629	3,912,952	4,057,169	3,708,858	3,708,858	3,703,531
Capital Outlay	337,308	2,254,769	565,000	4,174,049	5,499,953	5,499,953
Total Bureau Expenditures	46,745,200	54,320,429	56,566,085	58,707,392	63,651,756	63,647,429
Debt Service	494,099	542,881	604,720	647,474	647,474	647,474
Contingency	0	0	23,840,105	17,429,518	20,005,653	18,915,208
Fund Transfers - Expense	1,591,377	2,163,433	5,002,494	4,241,556	4,343,768	4,343,768
Total Fund Expenditures	2,085,476	2,706,314	29,447,319	22,318,548	24,996,895	23,906,450
Ending Fund Balance	24,452,128	22,962,237	0	0	0	0
Total Requirements	73,282,804	79,988,980	86,013,404	81,025,940	88,648,651	87,553,879

Fund Overview

The Technology Services Fund provides technology support to all City bureaus and some non-City agencies. Fund activities are managed by the Bureau of Technology Services.

The fund's major source of revenue is service reimbursements from City bureaus and outside agencies.

Managing Agency Office of Management & Finance, Bureau of Technology Services

Significant Changes from Prior Year

Technology Services projects were placed on hold during the prior year due to two major projects: the Data Center Move project and the Portland Building Reconstruction project. Sufficient progress has been made on the Data Center Move project, and all City bureaus have been moved out of the Portland Building. This accomplishment will allow BTS to resume projects that contribute toward technological efficiencies, improvements, and security.

	Actual FY 2015-16	Actual FY 2016-17	Revised FY 2017-18	Proposed FY 2018-19	Approved FY 2018-19	Adopted FY 2018-19
Resources						
Miscellaneous	302,549	212,596	169,936	232,853	232,853	232,853
Total External Revenues	302,549	212,596	169,936	232,853	232,853	232,853
Interagency Revenue	3,927,386	4,330,452	4,697,702	4,848,580	4,848,651	4,842,106
Total Internal Revenues	3,927,386	4,330,452	4,697,702	4,848,580	4,848,651	4,842,106
Beginning Fund Balance	15,361,591	14,471,420	13,942,711	13,273,335	13,273,335	13,273,335
Total Resources	19,591,526	19,014,468	18,810,349	18,354,768	18,354,839	18,348,294
Requirements						
Personnel Services	1,248,172	1,228,597	1,343,669	1,274,743	1,274,743	1,274,743
External Materials and Services	3,077,434	3,024,145	3,534,257	3,287,052	3,287,052	3,287,052
Internal Materials and Services	597,538	592,299	706,258	686,603	686,674	686,552
Total Bureau Expenditures	4,923,144	4,845,041	5,584,184	5,248,398	5,248,469	5,248,347
Debt Service	72,613	79,782	88,870	95,153	95,153	95,153
Contingency	0	0	13,031,005	12,901,913	12,897,316	12,890,893
Fund Transfers - Expense	124,349	146,934	106,290	109,304	113,901	113,901
Total Fund Expenditures	196,962	226,716	13,226,165	13,106,370	13,106,370	13,099,947
Ending Fund Balance	14,471,420	13,942,711	0	0	0	0
Total Requirements	19,591,526	19,014,468	18,810,349	18,354,768	18,354,839	18,348,294

Fund Overview

The Workers' Compensation Self Insurance Operating Fund supports the City's self-insured workers' compensation program, including claims administration, Citywide loss prevention, and occupational health activities aimed at minimizing occupational injury and illness from work-related infectious diseases.

Fund expenditures are primarily for claims-related payments. Projected claims are based on an independent actuarial study, which includes a projection for the current fiscal year and for the next five years.

The reserve requirement is derived from the annual actuarial study, which recommends a range of reserve levels needed to cover outstanding incurred liabilities. The range of estimates is produced by calculating reserves at various confidence levels (i.e., the probability that actual losses will not exceed the reserve level). Reserves are stated at a discounted level, which takes into account the interest the fund earns on the fund balance. The fund reserves are currently forecasted at a discounted confidence level of 75%. Interagency revenues are projected on a five-year basis so that, by year five, the fund will arrive at the required claims reserve forecasted for the fifth year by the actuary. This five-year smoothing of interagency rates is designed to mitigate large fluctuations in rates from year to year.

Managing Agency

Office of Management & Finance, Bureau of Revenue & Financial Services



Bureau of Development Services

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Special Projects								
Portland Online Permitting System				Total Project Cost:	4,275,904			Area: Citywide
	Confidence:	Low		Original Cost:	4,275,454			Objective: Replacement
Project Description								
BDS remains committed to moving forward with the Portland Online Permitting System (POPS), and is proceeding with implementation of the plan developed during the discovery phase (January through June 2017). This plan includes simultaneous implementation of a standalone electronic plan review software while continuing to develop the permitting software. Approaching the project in this manner will allow the bureau to benefit from electronic plan review in advance of completion of the permitting software. Currently BDS' capital budget only includes only positions designated to work on the project, and internal materials and services expenses. Vendor costs and other expenses will be estimated once new contracts are negotiated, project scope is more developed, and costs are more certain. Most likely the bureau will revise and update its capital project budget through the FY 2018-19 Budget Monitoring Process (BMP). The project is funded by license and permit fee revenues.								
Total Expenditures	0	1,788,121	4,275,904	0	0	0	0	4,275,904
Net Operations and Maintenance Costs			0	0	0	0	0	



Bureau of Environmental Services

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Maintenance and Reliability								
Alder: Buckman East Recon/Green Streets				Total Project Cost:	7,235,000		Area:	Southeast
Confidence:	Low			Original Cost:	7,235,000		Objective:	Replacement
Project Description								
Rehabilitate pipe segments that are in poor condition and upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 189 properties. Located in SE, the area is generally bound by Stark, 29th, Hawthorne, and 14th. The project has a positive cost to benefit ratio (CBR) = 0.28. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	135	0	500,000	1,300,000	1,500,000	2,900,000	1,000,000	7,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder: Ladd's Addition South Recon/Green Streets								
				Total Project Cost:	4,920,000		Area:	Southeast
Confidence:	Low			Original Cost:	4,920,000		Objective:	Replacement
Project Description								
Construct improvements to rehabilitate pipe segments that are in poor condition and upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 76 properties. The project area is generally bound by Market, 20th, Division, and 12th in SE Portland. The project has a positive cost to benefit ratio (CBR) = 0.20. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,713	245,000	700,000	2,000,000	150,000	0	0	2,850,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder: Sunnyside East Recon/Green Streets								
				Total Project Cost:	8,180,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	2,879,000		Objective:	Replacement
Project Description								
Construct improvements to upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 90 properties. Located in SE Portland, the project area is generally bound by Stark, 45th, Taylor, and 37th. Some scope and budget transferred from the Sunnyside North project. The project has a positive cost to benefit ratio (CBR) = 0.56. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	714,757	3,600,000	3,831,000	29,000	5,000	0	0	3,865,000
Net Operations and Maintenance Costs			0	0	8,000	8,000	8,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Alder: Sunnyside North Recon/Green Streets			Total Project Cost:		8,989,000		Area: Southeast	
Confidence:		Moderate		Original Cost:		11,255,000		Objective: Replacement
Project Description								
Construct improvements to rehabilitate pipe segments in poor condition and upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 318 properties. Located in SE Portland, the project area is generally bound by Stark, 37th, Taylor, and 20th. This project must be completed prior to Sunnyside South. Some scope and budget moved to the Sunnyside East project. The three projects have a combined positive cost to benefit ratio (CBR) = 0.18. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	788,270	1,000,000	6,000,000	1,200,000	0	0	0	7,200,000
Net Operations and Maintenance Costs			0	0	5,000	25,000	25,000	
Alder: Sunnyside South Recon/Green Streets								
Total Project Cost:			7,434,000		Area: Southeast			
Confidence:		Low		Original Cost:		6,855,000		Objective: Replacement
Project Description								
Construct improvement to upsize pipe segments. Install street, roof, and parking stormwater controls to relieve street flooding and basement sewer backup to 204 properties. Located in SE Portland, the project area is generally bound by Taylor, 45th, Hawthorne, and 29th. The project has a positive net benefit to cost ratio (nBCR) = 0.47. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	8,670	275,000	1,800,000	5,000,000	350,000	0	0	7,150,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Beech-Essex CP-J								
Total Project Cost:			9,010,000		Area: Northeast			
Confidence:		Low		Original Cost:		9,010,000		Objective: Replacement
Project Description								
Reduce the risk of basement back-up to 351 parcels by constructing 11,800 linear feet of new capacity pipe, and replacing 3,700 linear feet of pipe in poor condition. Located in N/NE Portland, the project area is generally bound by Fargo, 7th, Sacramento, and Williams. The project has a positive cost to benefit ratio (CBR) = 0.51. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,740	0	300,000	800,000	3,300,000	500,000	0	4,900,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Burlingame Basin Infiltration and Inflow								
Total Project Cost:			15,306,000		Area: Southwest			
Confidence:		Low		Original Cost:		13,950,000		Objective: Maintenance & Repair
Project Description								
Reduce the stormwater flow into the sanitary sewers and eliminate sanitary sewer overflows in the Burlingame basin. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	6,230,494	2,000,000	3,700,000	3,105,000	90,000	90,000	90,000	7,075,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Capital Maintenance - Non-Process Facilities			Total Project Cost:		Ongoing		Area:	Citywide
Confidence:			Low	Original Cost:		Ongoing		Objective:
Project Description			Citywide Maintenance & Repair					
Program is for capital maintenance of BES-owned non-process facilities including the Water Pollution Control Lab, administration buildings at treatment plants, and downtown office space. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,829,778	1,700,000	1,000,000	2,000,000	1,500,000	1,000,000	1,000,000	6,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fanno Creek Infiltration and Inflow			Total Project Cost:		13,917,000		Area:	Southwest
Confidence:			Moderate	Original Cost:		13,917,000		Objective:
Project Description			Southwest Maintenance & Repair					
Resolve known local basement and surface flooding and reduce the risk of sanitary sewer overflows at the Fanno Pump Station. The focus of the project is the detection and removal of infiltration and inflow (I&I) on private property. Targeted conveyance improvements will address pipe capacity problems that cannot be resolved with only I&I reductions. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,537,478	0	0	0	0	300,000	350,000	650,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Hilsdale Crest RDII			Total Project Cost:		6,800,000		Area:	Southwest
Confidence:			Low	Original Cost:		6,800,000		Objective:
Project Description			Mandated					
Project will address the implementation of sewer improvements to control the DeWitt Sanitary Sewer Overflows (SSO) within the Burlingame Basin. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	32,906	0	4,000,000	2,240,000	60,000	0	0	6,300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Large Diameter Sewer Rehabilitation			Total Project Cost:		106,130,000		Area:	Citywide
Confidence:			High	Original Cost:		39,400,000		Objective:
Project Description			Citywide Maintenance & Repair					
Whole pipe and spot rehabilitation of large diameter (> 36 inches) sanitary and combined sewers that are currently in poor structural condition. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,836,636	700,000	2,000,000	5,500,000	6,000,000	25,000,000	25,150,000	63,650,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Maintenance Capital - Construction				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The sewage and drainage collection systems develop structural and capacity problems as development occurs and the system ages. This program addresses small deficiencies in the collection system using city maintenance crews and equipment. Individual activities are determined in response to problems identified by inspection and field investigations during the year. Examples of work performed under this project include trash rack replacement, culvert replacement, sump and sediment manhole construction, manhole replacement, large spot repairs, small reconstructions, diversion modifications, deep underground repairs, and single-block sewer replacements. Project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	10,995,601	240,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Maintenance Capital - Contract				Total Project Cost:	22,989,000		Area:	Citywide
Confidence:	Moderate			Original Cost:	14,500,000		Objective:	Maintenance & Repair
Project Description								
Program supports privately-contracted maintenance repair and reconstruction projects throughout the collection system. Due to the age of much of the inventory, structural failures or near failures, localized flooding, and hydraulic capacity problems often occur during the year. Many of these are discovered through the routine sewer inspection program. During any given fiscal year, subprojects are prioritized based on the criticality and condition of the facility and the need to protect public health and property. This program replaces another maintenance capital project which was budgeted as an ongoing program. Going forward, this program will be budgeted in 5 year increments. The project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,388,212	3,000,000	4,100,000	2,500,000	3,000,000	3,000,000	3,000,000	15,600,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NWN: Slabtown Sewer Replacement				Total Project Cost:	14,983,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	11,150,000		Objective:	Replacement
Project Description								
Project is a reconfiguration of portions of previously programmed work in Northwest Neighborhoods. The project is specifically targeted at the Conway Master Plan redevelopment area. Pipes in this area are typically 100 year old clay, and under capacity. The project will increase pipe capacity to address risk of sewer backups to 67 properties between NW 13th and 21st and Pettygrove and Savier. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	877,268	8,510,000	4,530,000	1,537,000	38,000	0	0	6,105,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - NWN: Central Tanner				Total Project Cost:	10,216,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	10,216,000		Objective:	Replacement
Project Description								
Replace 9,300 linear feet of existing 100- to 120-year old clay combined sewer pipes with larger pipes to increase hydraulic capacity. Area generally bound by NW Overton, 11th, Kearny, and 21st. Project will reduce the risk of street flooding at 35 locations and basement sewer backup risk to 112 parcels. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	0	750,000	750,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - NWN: Northeast Fremont				Total Project Cost:	6,221,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	6,221,000		Objective:	Maintenance & Repair
Project Description								
Replace 5,900 linear feet of existing 100-120 year old clay combined sewer pipes with larger pipes to increase hydraulic capacity. Area generally bound by NW York, 14th, Thurman, and 21st. Project will reduce the risk of street flooding at 17 locations and basement sewer backup risk to 28 parcels. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	0	528,000	528,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NWN: NW Thurman St Sewer				Total Project Cost:	5,159,000		Area:	Northwest
	Confidence:	Moderate		Original Cost:	2,542,000		Objective:	Replacement
Project Description								
Upsize 3,100 linear feet of existing 100 year combined sewer pipes to increase hydraulic capacity in the vicinity of NW Savier, Franklin, and Thurman. Project will reduce the risk of street flooding at 16 locations and basement sewer backup risk to 35 parcels. Timing of project is in response to six reported basement sewer backups since 2008. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	113,232	240,000	960,000	3,619,000	19,000	15,000	0	4,613,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NWN: South Tanner				Total Project Cost:	8,400,000		Area:	Northwest
	Confidence:	Low		Original Cost:	8,400,000		Objective:	Replacement
Project Description								
Replace pipes in poor structural condition to relieve street flooding and basement sewer backups in NW Portland. Area generally bound by Johnson, 9th, Everett, and 23rd. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,499	0	800,000	1,200,000	2,400,000	1,400,000	2,500,000	8,300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - OCIP Phase V				Total Project Cost:	1,609,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	1,609,000		Objective:	Efficiency
Project Description								
Owner controlled insurance program for all construction projects over \$0.5 million. Replaces project E10222 OCIP Phase IV. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,008,206	0	300,000	300,000	0	0	0	600,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total	
Phase 2 Pipe Rehabilitation	Total Project Cost:			126,000,000		Area:		Citywide	
	Confidence:	High		Original Cost:		123,000,000		Objective:	Maintenance & Repair
Project Description									
Structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. The pipes have been prioritized based on business risk exposure, so that pipes with the highest benefit (risk reduction) to cost ratios are to be done first. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	100,214,396	14,000,000	1,000,000	0	0	0	0	1,000,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
Pipe Rehabilitation Phase 3	Total Project Cost:			155,250,000		Area:		Citywide	
	Confidence:	High		Original Cost:		155,250,000		Objective:	Maintenance & Repair
Project Description									
Structural rehabilitation of critical combined and sanitary sewers that are at the end of their economic life and have the highest consequence of failure. This project is an outgrowth of the Phase 2 program. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	13,557,655	16,280,000	23,747,346	16,546,020	18,589,351	18,915,000	19,340,000	97,137,717	
Net Operations and Maintenance Costs			0	0	0	0	0		
SE Interceptor Rehabilitation	Total Project Cost:			10,208,000		Area:		Southeast	
	Confidence:	High		Original Cost:		8,322,000		Objective:	Maintenance & Repair
Project Description									
Rehabilitate two sections of the SE Interceptor: 2,038 linear feet of 72" by 74" horseshoe monolithic concrete sewer constructed in 1954, located at a depth of 41 to 53 feet, from the intersection of SE Grand and Pine north to NE Davis and west in NE Davis to NE 3rd; and 1,330 lineal feet of 66" x 54" at a depth of approximately 30 feet located between SE Caruthers and SE 12th. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	1,707,597	8,510,000	500,000	0	0	0	0	500,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
SLRT/Vault Monitoring	Total Project Cost:			5,396,000		Area:		Citywide	
	Confidence:	Low		Original Cost:		4,900,000		Objective:	Replacement
Project Description									
Optimize the existing network of sewer level remote telemetry (SLRT) stations. Add leak detection alarm monitoring to air/vacuum valve installations and valve vaults located adjacent to water bodies in order to reduce the likelihood of Combined Sewer Overflow (CSO) events. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	0	50,000	70,000	200,000	210,000	400,000	400,000	1,280,000	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Small Urgent Capacity Projects				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	Replacement
Project Description								
Program to address combined sewer capacity in areas where property owners have reported basement sewer backups, and are outside of the boundary of a project currently in the Capital Improvement Program (CIP). Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	14,888	500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Stark HSS-17				Total Project Cost:	13,242,000		Area:	Southeast
Confidence:	Low			Original Cost:	13,242,000		Objective:	Replacement
Project Description								
Replace pipes in poor structural condition, relieve street flooding, and the risk of basement sewer backups to 304 properties. Area generally bound by NE Everett, SE/NE 32nd, SE Stark, and SE 21st. Replace 400 linear feet of poor condition pipe, upsize 10,500 linear feet of hydraulically deficient pipe, and construct new green street facilities to collect stormwater runoff from approximately 21 acres of impervious area. The project has a positive cost to benefit ratio (CBR) = 0.47. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	4,715	0	900,000	1,500,000	1,600,000	1,700,000	3,000,000	8,700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Structural Rehab Taggart Outfall 30				Total Project Cost:	14,805,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	14,805,000		Objective:	Maintenance & Repair
Project Description								
Structural rehabilitation of the Taggart Outfall, a combined brick sewer constructed in 1906. The sewer ranges in size from 64 to 118 inches in diameter, at depths of 20 to 65 feet. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,138,748	500,000	2,500,000	5,000,000	1,550,000	0	0	9,050,000
Net Operations and Maintenance Costs			0	0	0	0	0	
TGD: Richmond Neighborhood Recon/Green Streets				Total Project Cost:	4,750,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	4,750,000		Objective:	Replacement
Project Description								
Rehabilitate approximately 1,300 feet of pipe in poor condition and upsize pipe segments. Install street stormwater controls to reduce the risk of street flooding and basement sewer backup for 143 properties. Located in SE, the area is generally bound by Hawthorne, 48th, Division, and 36th. The project has a positive cost to benefit ratio (CBR) = 0.13. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	100,000	550,000	3,500,000	4,150,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Wheeler WHE-04				Total Project Cost:	10,925,000		Area:	Northeast
	Confidence:	High		Original Cost:	10,016,000		Objective:	Replacement
Project Description								
Construct improvements to relieve street flooding and basement sewer backups. Area generally bound by NE Brazee, NE 7th, NE San Rafael, and the Willamette River. The project will reduce the risk of basement sewer backup to 247 properties. The project has a positive cost to benefit ratio (CBR) = 1.18. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,224,911	6,000,000	3,600,000	100,000	0	0	0	3,700,000
Net Operations and Maintenance Costs			0	0	0	5,000	5,000	
Preservation & Rehabilitation								
Portland Building Rehabilitation - BES floors				Total Project Cost:	40,000,000		Area:	Central City
	Confidence:	High		Original Cost:	40,000,000		Objective:	Replacement
Project Description								
This amount is the estimate of the Bureau's share for Portland Building renovations. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	40,000,000	0	0	40,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Sewage Treatment Systems								
Airport 1 Pump Station Improvements				Total Project Cost:	2,937,000		Area:	Northeast
	Confidence:	High		Original Cost:	2,937,000		Objective:	Replacement
Project Description								
Project originated in the Pump Station Improvement Program. Replace obsolete equipment with current/latest generation BES and industry standard equipment. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	579,245	1,900,000	504,000	0	0	0	0	504,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Alder Pump Station Upgrade				Total Project Cost:	6,019,000		Area:	Southeast
	Confidence:	High		Original Cost:	4,880,000		Objective:	Replacement
Project Description								
Project originated from the Alder Pump Station Improvement Program. Upgrading the pump station for projected future flows, and integrating operation into the eastside CSO system operation. The project will also replace all mechanical, electrical, and controls equipment. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	504,998	3,360,000	2,112,000	42,000	0	0	0	2,154,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Automation Network Reliability				Total Project Cost:	209,000		Area:	Citywide
Confidence:		High		Original Cost:	209,000		Objective:	Efficiency
Project Description								
As Environmental Services' fiber optic communication network has extended in area covered and in volume of traffic, it is evident that modifications are needed to improve reliability, robustness and security. Project assumed to be complete in prior budget but re-opened for additional work needed. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	168,055	0	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Biogas Utilization				Total Project Cost:	13,599,000		Area:	Citywide
Confidence:		Moderate		Original Cost:	5,584,000		Objective:	Efficiency
Project Description								
Construct a facility at Columbia Boulevard Wastewater Treatment Plant (CBWTP) to beneficially reuse remaining unused methane gas which is a byproduct of the treatment process. This project is expected to pay for itself in 10 to 20 years. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,618,112	3,400,000	6,600,000	200,000	0	0	0	6,800,000
Net Operations and Maintenance Costs			0	0	(50,000)	(50,000)	(50,000)	
NEW - CBWTP Blower System/Building Improvements				Total Project Cost:	12,056,000		Area:	Citywide
Confidence:		Low		Original Cost:	12,056,000		Objective:	Replacement
Project Description								
Project will replace antiquated DeLaval blowers, replace the original existing building roof, and HVAC system at CBWTP. Funded by bond proceeds repaid by sanitary sewer and stormwater rates								
Total Expenditures	0	0	0	110,000	650,000	1,400,000	5,883,000	8,043,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CBWTP Digesters 1-4 Upgrade				Total Project Cost:	14,900,000		Area:	Citywide
Confidence:		Low		Original Cost:	14,900,000		Objective:	Maintenance & Repair
Project Description								
Proposes to replace digester domes, replace metal components of the tanks, and upgrade outdated process equipment on Digesters 1 through 4 at the Columbia Boulevard Wastewater Treatment Project (CBWTP). Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	878,000	1,605,000	1,174,000	4,452,000	8,109,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
CBWTP Fiber System Reliability				Total Project Cost:		838,000		Area: Citywide
	Confidence:	Low		Original Cost:		790,000		Objective: Replacement
Project Description								
Upgrade the fiber optic network for increased reliability and resiliency at the Columbia Boulevard Wastewater Treatment Plant (CBWTP). Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	37,726	100,000	200,000	400,000	100,000	0	0	700,000
Net Operations and Maintenance Costs			0	0	0	5,000	5,000	
CBWTP Headworks Screens Improvements				Total Project Cost:		9,805,000		Area: Citywide
	Confidence:	Low		Original Cost:		9,805,000		Objective: Replacement
Project Description								
Replace the five existing bar screens in the Headworks with screens of smaller openings to protect the downstream processes. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	25,475	500,000	2,500,000	4,000,000	2,468,000	0	0	8,968,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Lagoon Reconstruction				Total Project Cost:		30,702,000		Area: Citywide
	Confidence:	High		Original Cost:		19,539,000		Objective: Mandated
Project Description								
Construction of additional dikes in the existing CBWTP lagoon to create more separation. The individual ponds will be lined with a monofill. Two separate phases are programmed in the 5-year CIP. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	18,816,265	4,300,000	5,100,000	1,600,000	110,000	150,000	625,000	7,585,000
Net Operations and Maintenance Costs			0	0	0	0	50,000	
CBWTP Organic Waste Receiving Facility				Total Project Cost:		4,860,000		Area: Citywide
	Confidence:	Low		Original Cost:		4,838,000		Objective: Efficiency
Project Description								
Construct a facility to accept organic waste (commercial food wastes, fats, oils, and grease) and process the waste in the anaerobic digesters to produce biogas at the CBWTP. The biogas can be converted to renewable energy-electricity, heat, or vehicle fuel. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	235,000	675,000	3,600,000	350,000	0	0	4,625,000
Net Operations and Maintenance Costs			0	0	0	(500,000)	(500,000)	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
CBWTP Outfall Diffusers				Total Project Cost:	2,669,000		Area:	Citywide
Confidence:	Low			Original Cost:	2,169,000		Objective:	Replacement
Project Description								
Extend the existing wet weather Columbia Boulevard Treatment Plant outfall diffuser to alleviate sediment accumulation in outfall pipe. Funded by bond proceeds repaid by sanitary and stormwater rates.								
Total Expenditures	154,690	510,000	700,000	1,294,000	10,000	0	0	2,004,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Residuals Handling Improvements				Total Project Cost:	3,750,000		Area:	Citywide
Confidence:	Low			Original Cost:	3,750,000		Objective:	Replacement
Project Description								
Modifications to the existing Septage Receiving Station and Tipping Berm for receiving and handling residual waste streams generated in the collection system and on-site. The intent is to make a permanent facility that is operations friendly, and minimizes the risk of odor impacts to the community. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	500,000	500,000	500,000	1,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Reuse System Replacement				Total Project Cost:	4,310,000		Area:	Citywide
Confidence:	Moderate			Original Cost:	4,310,000		Objective:	Replacement
Project Description								
Replace the reuse water system, installed in 1996, to provide reliable reuse treatment capacity at CBWTP. Upgrade the deep well pump controls and integrate them with the reuse system controls, providing more consistent water supply and pressure for plant processes. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	430,000	435,000	2,500,000	3,365,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Secondary Treatment Expansion Program				Total Project Cost:	145,628,000		Area:	Citywide
Confidence:	Low			Original Cost:	62,802,000		Objective:	Mandated
Project Description								
Expand secondary treatment capacity at the Columbia Boulevard Waste Water Treatment Plant (CBWTP) to provide reliable treatment for BOD and TSS, consistent with the NPDES permit for operating the plant. The project will add two new secondary clarifiers per the recommended phasing in the 1995 Facilities Plan and 2009 update. Project includes replacement of facilities that currently occupy the secondary expansion site and related process improvements. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	85,413	2,225,000	4,000,000	14,335,000	19,103,000	36,507,000	40,409,000	114,354,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Bureau of Environmental Services

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - CBWTP Seismic Improvements				Total Project Cost:	3,670,000			Area: Citywide
	Confidence:	Moderate			Original Cost:	3,670,000	Objective: Replacement	
Project Description								
Seismic improvements to the CBWTP infrastructure. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	0	217,000	217,000
Net Operations and Maintenance Costs			0	0	0	0	0	
CBWTP Substation Replacement				Total Project Cost:	5,067,000			Area: Citywide
	Confidence:	Low			Original Cost:	5,055,000	Objective: Replacement	
Project Description								
Replacement of the electrical substation which has reached the end of its useful life. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	16,491	300,000	750,000	1,500,000	2,500,000	0	0	4,750,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CBWTP Wash/Hypo TNL Piping Replacement				Total Project Cost:	5,402,000			Area: Citywide
	Confidence:	Low			Original Cost:	5,402,000	Objective: Replacement	
Project Description								
Replacement of the wash water lines in the Silver and Blue Tunnels and the hypochlorite lines in the Silver, Blue, and Yellow Tunnels as well as in Tunnel #8, the hypo receiving building, DWOC storage and pump rooms, and headworks. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	61,931	0	3,300,000	1,075,000	0	0	0	4,375,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Force Ave Pump Station Remodel				Total Project Cost:	5,396,000			Area: North
	Confidence:	Low			Original Cost:	5,127,000	Objective: Replacement	
Project Description								
Project originated in the Pump Station Improvement Program. Remodel pump station for improved reliability and maintenance. Remodel includes wet well modification, new submersible pumps, onsite electrical controls building and generator shelter, and odor treatment. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	332,657	500,000	291,000	2,397,000	1,847,000	28,000	0	4,563,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Inverness Pump Station Force Main				Total Project Cost:	13,434,000		Area:	North
Confidence:	Low			Original Cost:	10,030,000		Objective:	Replacement
Project Description								
This multi-phase project will first address deficiencies in the 24 inch force main, re-direct flow from the 36 inch force main, and then address deficiencies in the 36 inch line. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	14,250	401,000	1,500,000	2,800,000	2,200,000	2,530,000	1,000,000	10,030,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Pump Station Improvement Program				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	20,000,000		Objective:	Replacement
Project Description								
Program to refurbish or upgrade pump stations that are not in compliance with present codes, are not operating in a reliable manner, need improvements because of growth in the receiving sewage basin, and/or are over 20 years old with out-of-date equipment. The approved Pump Station Improvement Plan guides the selection of projects. The City currently operates and maintains 98 pump stations. This program was developed to ensure these facilities are maintained in accordance with a scheduled plan to increase pump station reliability, reduce or avoid increases in maintenance costs, and avoid failures that could cause sewage to bypass to waterways. This program number replaces another pump station refurbish or upgrade pump station project which was budgeted as an ongoing program. Going forward, this program will be budgeted in 5 year increments. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	7,933,601	4,000,000	6,000,000	6,000,000	6,000,000	10,000,000	10,000,000	38,000,000
Net Operations and Maintenance Costs			5,000	5,000	5,000	5,000	5,000	
Repair, Rehabilitation, and Modification				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Moderate			Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
Repair, Rehabilitation, and Modification Program is to protect capital investments and enhance system reliability at the Columbia and Tryon Creek sewage treatment facilities. It provides best management practices to prevent violations of the NPDES permit. Both treatment plants are aging facilities and require regular repair, rehabilitation, and modifications. This program facilitates rapid, practical replacement of capital equipment and upgrade of aging facilities. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	37,502,500	3,525,000	4,000,000	4,000,000	4,000,000	6,000,000	6,000,000	24,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - TCWTP Bankside Outfall				Total Project Cost:	8,400,000		Area:	Southwest
Confidence:	Low			Original Cost:	8,400,000		Objective:	Replacement
Project Description								
Construction of new outfall to the Willamette from the TCWTP, parallel to the existing outfall. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	34,000	133,000	133,000	686,000	986,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total	
NEW - TCWTP Disinfection Improvements			Total Project Cost:		9,600,000		Area:	Southwest	
Confidence:		Low		Original Cost:		9,600,000		Objective:	Efficiency
Project Description									
Reconstruction of the Tryon Creek Wastewater Treatment Plant (TCWTP) disinfection system to improve system reliability and performance. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	0	0	0	75,000	300,000	942,000	1,052,000	2,369,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
TCWTP Headworks Improvements									
			Total Project Cost:		63,000,000		Area:	Southwest	
Confidence:		Low		Original Cost:		38,524,000		Objective:	Replacement
Project Description									
The Tryon Creek Wastewater Treatment Plant (TCWTP) Facilities Plan Update has identified needed improvements to bring the headworks process up to current treatment efficiency standards, increase peak flow hydraulic capacity, community needs, and an opportunity to improve the plant hydraulic profile. Funded by bond proceeds repaid by sanitary sewer and stormwater rates and Lake Oswego.									
Total Expenditures	1,785,441	6,000,000	5,000,000	14,900,000	12,000,000	11,000,000	1,000,000	43,900,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - TCWTP PLC System Rpl									
			Total Project Cost:		1,242,000		Area:	Southwest	
Confidence:		High		Original Cost:		1,242,000		Objective:	Efficiency
Project Description									
The Primary Effluent Pump (PEP) will be upgraded to increase reliability, but will retain the Square D PLCs. The PEP PLC will be relocated/ re-built as part of the TCWTP secondary improvement project. This project continues the upgrades of 5 PLCs at the RAS, Primary Building, Sludge Processing, Truck loading, and Digester. Project was re-opened for FY2018-19 to perform minor closeout work for project completion. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	336,757	0	50,000	0	0	0	0	50,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - TCWTP Second Clarifier Addition									
			Total Project Cost:		103,000		Area:	Southwest	
Confidence:		Low		Original Cost:		103,000		Objective:	Expansion
Project Description									
Addition of a third secondary clarifier to add redundancy and reliability under peak flow scenarios at Tryon Creek Wastewater Treatment Plant (TCWTP). Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	0	0	0	0	0	0	103,000	103,000	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
TCWTP Secondary Process Improvements			Total Project Cost:		6,160,000		Area:	Southwest
Confidence:			Low		Original Cost:		6,160,000	
Objective:							Maintenance & Repair	
Project Description								
Improve Tryon Creek Wastewater Treatment Plant (TCWTP) secondary process treatment performance and reliability to ensure that current NPDES permit requirements and future Willamette Basin water quality standards are met. The timing of this project is dependent upon other improvements under the Tryon Creek Headworks Improvement capital project. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	41,227	820,000	1,500,000	2,000,000	1,500,000	120,000	0	5,120,000
Net Operations and Maintenance Costs			0	0	0	0	10,000	
NEW - Tryon Creek Interceptor Replacement								
Total Project Cost:			23,699,500		Area:		Southwest	
Confidence:			Low		Original Cost:		23,699,500	
Objective:							Replacement	
Project Description								
Replace the lower 2,600ft of the Tryon Creek interceptor sewer. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	2,500,000	9,700,000	6,000,000	2,000,000	1,500,000	21,700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Tryon Creek Pump Station Reconstruction								
Total Project Cost:			3,500,000		Area:		Southwest	
Confidence:			Low		Original Cost:		3,500,000	
Objective:							Replacement	
Project Description								
Reconstruction of the Tryon Creek Pump Station to increase station form capacity from 860 gpm to 2,000 gpm and to deliver Willamette Interceptor flow from Portland and Dunthorpe-Riverdale collection system to the new headworks being constructed under the Tryon Creek Headworks Improvement Project at a higher elevation than the existing. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	500,000	500,000	1,300,000	1,000,000	100,000	3,400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Surface Water Management								
NEW - 1% For Green			Total Project Cost:		Ongoing		Area: Undetermined	
Confidence:			Moderate		Original Cost:		Ongoing	
Objective:							Efficiency	
Project Description								
Secondary projects included within this project support construction of green street facilities in the City of Portland that manage stormwater, enhance livability, and provide other environmental benefits, such as green streets swales, curb extensions, vegetated infiltration basins, porous paving, or other facility types defined by the Sustainable Stormwater Management Program. These projects are funded entirely from Offsite Stormwater Management Fees and the “Percent for Green” charges assessed against eligible capital improvements constructed within the right-of-way by BES, Water and PBOT; these projects have no bond or sewer rate funding.								
Total Expenditures	194,244	0	450,000	450,000	450,000	450,000	0	1,800,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Balch Creek Trash Racks				Total Project Cost:	1,853,000		Area:	Northwest
Confidence:	Low			Original Cost:	100,000		Objective:	Replacement
Project Description								
Maintenance of existing trash racks adjacent to the heavily used Lower Macleay trail in Forest Park. These large structures and bays keep the majority of sediment, rock, and floating debris from entering the low-pressure storm sewer that conveys Balch Creek from Forest Park (near NW 30th & Thurman) to the Willamette River at Outfall 17. Project was initially funded for pre-design only. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	153,712	300,000	277,000	74,000	828,000	0	0	1,179,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CIP Revegetation Plant Establishment				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	High			Original Cost:	Ongoing		Objective:	Replacement
Project Description								
Umbrella for post-construction plant establishment on multiple capital improvement projects (CIP) projects in FY18-19. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	10,734	0	250,000	250,000	250,000	250,000	250,000	1,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Columbia Slough Outfalls				Total Project Cost:	24,708,000		Area:	Northeast
Confidence:	Low			Original Cost:	24,708,000		Objective:	Mandated
Project Description								
Program is for construction of pollution controls for separated stormwater areas flowing through 220 city-owned Columbia Slough stormwater outfalls. Focuses on the highest priority outfalls – those draining the most city-owned impervious area. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,413,752	2,641,000	150,000	1,000,000	1,000,000	1,000,000	3,632,000	6,782,000
Net Operations and Maintenance Costs			0	0	5,000	8,000	10,000	
Culverts Phase 3				Total Project Cost:	14,400,000		Area:	Citywide
Confidence:	Moderate			Original Cost:	14,400,000		Objective:	Replacement
Project Description								
Third phase of culverts replacements, consisting of five individual projects, to be constructed over multiple fiscal years. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	50,000	300,000	200,000	1,590,000	250,000	2,000,000	4,340,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
FT: Beaverton Hillsdale Hwy				Total Project Cost:	2,500,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	1,040,000		Objective:	Replacement
Project Description								
Construct stormwater treatment facilities to control flow and pollutants entering into Fanno Creek from the 2.6 mile section of Beaverton-Hillsdale Hwy between SW Sunset and 65th Ave. Pollutants targeted for removal will be total suspended solids and phosphorous. This project will significantly address the City's regulatory obligation under the TMDL and benefit native Cutthroat Trout found in Fanno Creek. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	489,853	1,065,000	300,000	200,000	1,000,000	1,000,000	0	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	8,000	
FT: Boones Ferry Culvert				Total Project Cost:	6,441,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	1,669,000		Objective:	Replacement
Project Description								
Replace the Boones Ferry Culvert on Tryon Creek to increase capacity and provide fish passage. The project will include channel enhancement work to control the grade of the creek and protect streambanks. This will protect an exposed 18-inch sewer line crossing the creek approximately 145 feet upstream of the culvert. In addition to limiting fish passage, the pipe is also in need of repair and it does not convey water consistent with BES stormwater design manual standards. Funded by bond proceeds repaid by sanitary sewer and stormwater rates and a grant from Metro.								
Total Expenditures	1,457,380	1,000,000	550,000	600,000	700,000	1,000,000	1,000,000	3,850,000
Net Operations and Maintenance Costs			0	0	0	0	0	
FT: Drainage Shoulder Improvements				Total Project Cost:	4,622,460		Area:	Southwest
Confidence:	Low			Original Cost:	4,932,000		Objective:	Replacement
Project Description								
Drainage shoulder improvements Convert high priority City maintained roadside ditches to swales in the Fanno and Tryon Creek watersheds. Up to 60,000 feet of roadside ditches will be converted to swales to manage stormwater runoff from impervious roadway and adjacent development. These priority roads were identified in the Fanno/Tryon Water Quality and TMDL Pre-Design. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	133,000	521,000	681,000	681,000	0	2,016,000
Net Operations and Maintenance Costs			0	0	0	5,000	5,000	
FT: SW Shattuck Rd Culvert Replacement				Total Project Cost:	1,214,000		Area:	Southwest
Confidence:	Low			Original Cost:	1,214,000		Objective:	Replacement
Project Description								
Replace the culvert on Fanno Creek under SW Shattuck Road to increase hydraulic capacity and provide for fish passage. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	0	0	0	103,000	98,000	201,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Green Infrastructure: Land Acquisition			Total Project Cost:		23,850,000		Area: Citywide	
Confidence:		Moderate		Original Cost:		30,509,900		Objective: Efficiency
Project Description								
This program is focused on protection and restoration of Portland's rivers and watersheds reflecting City Council's vision of how Portland should reduce the City's stormwater footprint. Project was assumed to be completed in prior budget but is being re-opened to perform additional work. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	20,639,924	0	45,000	0	0	0	0	45,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Hwy 43 Tryon Creek Culvert								
Confidence:			Low		Total Project Cost:		630,000	
				Original Cost:		630,000		Area: Southwest
								Objective: Replacement
Project Description								
Replacement of the Tryon Creek culvert under Highway 43 to improve hydrology and fish passage. In partnership with City of Lake Oswego and Army Corps of Engineers. BES portion of this project to be funded by a combination of stormwater rate revenues and bond proceeds repaid by stormwater rates								
Total Expenditures	0	0	150,000	480,000	0	0	0	630,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: River Mile 9.6 Floodplain Restoration								
Confidence:			Low		Total Project Cost:		1,300,000	
				Original Cost:		2,000,000		Area: Southeast
								Objective: Expansion
Project Description								
Provide floodplain restoration on multiple parcels along Johnson Creek near river mile 9.6. Approximately 9.5 acres of floodplain will be restored to reduce flooding, improve water quality, and ESA habitat. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	217,549	200,000	600,000	20,000	20,000	0	0	640,000
Net Operations and Maintenance Costs			0	0	0	10,000	10,000	
JC: Brunkow								
Confidence:			Moderate		Total Project Cost:		2,769,000	
				Original Cost:		768,000		Area: Southeast
								Objective: Expansion
Project Description								
Brunkow Floodplain, wetland, and riparian restoration per the 2001 Johnson Creek Restoration Plan. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	28,093	40,000	0	200,000	500,000	1,500,000	500,000	2,700,000
Net Operations and Maintenance Costs			0	0	0	10,000	10,000	

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
JC: Johnson Creek Willing Seller Phase 2				Total Project Cost:	40,000,000		Area:	Southeast
	Confidence:	High		Original Cost:	40,000,000		Objective:	Efficiency
Project Description								
Acquisition of properties from willing sellers in four target areas of high value for Johnson Creek floodplain restoration. The properties are land banked until enough contiguous property has been acquired to proceed with restoration. Program allows residents in high risk areas to sell their property at fair market, creates projects that increase flood storage and conveyance capacity while enhancing fish and wildlife habitat, and creates wetlands and passive recreation activities. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	8,710,229	500,000	1,500,000	1,500,000	1,500,000	1,500,000	500,000	6,500,000
Net Operations and Maintenance Costs			40,000	45,000	50,000	55,000	60,000	
JC: Oxbow								
				Total Project Cost:	2,107,000		Area:	Southeast
	Confidence:	Low		Original Cost:	1,396,000		Objective:	Expansion
Project Description								
Improvements to increase flood storage and improve habitat at the Johnson Creek Oxbow. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	270,236	0	200,000	200,000	200,000	400,000	550,000	1,550,000
Net Operations and Maintenance Costs			0	0	0	0	0	
JC: Springwater Wetland								
				Total Project Cost:	2,892,000		Area:	Southeast
	Confidence:	Moderate		Original Cost:	535,000		Objective:	Expansion
Project Description								
Mitigate damage from Springwater Wetland flooding greater than the 10-year event and provide water quality and habitat benefits by restoring existing wetlands in the area. Passive recreational trails/facilities will be incorporated and coordinated with Portland Parks and Recreation. Funded by US Army Corps of Engineers and bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	267,685	150,000	100,000	100,000	150,000	750,000	250,000	1,350,000
Net Operations and Maintenance Costs			0	0	0	0	20,000	
NEW- Johnson Creek Oxbow Permanent Scour Repair								
				Total Project Cost:	336,000		Area:	Southeast
	Confidence:	Moderate		Original Cost:	336,000		Objective:	Maintenance & Repair
Project Description								
Contractor to complete design of the preferred alternative from a Pre-Design report produced by ESA Vigil-Agrmis. This alternative lays back the over-steepened eroding bank, installs large wood barbs, and lowers the bank elevation at the tip of the oxbow meander. The contractor will also provide engineering during construction, which will occur in the summer of 2018. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	220,000	0	0	0	0	220,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Bureau of Environmental Services

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Luther Road Channel Restoration			Total Project Cost:		1,571,000		Area:	Southeast
Confidence:			Moderate		Original Cost:		1,571,000	
Objective:							& Repair	
Project Description								
Geomorphic and habitat assessment to develop and implement a permanent repair to the channel to protect the existing sanitary sewer infrastructure within the project area.†Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	86,130	139,000	500,000	585,000	15,000	0	0	1,100,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Oaks Bottom Culvert Replacement			Total Project Cost:		4,439,000		Area:	Southeast
Confidence:			High		Original Cost:		6,695,000	
Objective:							Replacement	
Project Description								
Replace a 60" culvert at Oaks Bottom and restore off-channel habitat. Project elements include; a new box culvert or bridge, regrading, clearing and grubbing of channel, some channel excavation, cedar boles, re-introduction of native vegetation, and management of invasive noxious weeds. Funded by the US Army Corps of Engineers and bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	3,338,064	100,000	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	10,000	10,000	10,000	10,000	
NEW - Stephen's Creek Right of Way Retrofit			Total Project Cost:		1,000,000		Area:	Southeast
Confidence:			Low		Original Cost:		1,000,000	
Objective:							Efficiency	
Project Description								
This is part of the Stephens Creek Stormwater Phase 1 Implementation. Project will provide a flexible means to design and construct stormwater retrofits to the existing stormwater system on streets identified as high-priority for detention and/or pollution reduction. Right-of-way (ROW) storm improvements to be constructed in partnership with the Portland Bureau of Transportation (PBOT) will provide a point of discharge and a conveyance system where none exists and leverage transportation system improvements that are currently underway in SW Portland. The ROW Retrofit will be used as a means to incrementally expand new facilities beyond the sizing required under the Stormwater Management Manual to provide high cost-effective retrofit opportunities for existing impervious surfaces. ROW retrofit is intended to leverage on-going investment in right-of-way improvements by PBOT or local property owners. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	0	0	78,000	422,000	0	78,000	422,000	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Stephens Creek Ph 1 Improvements			Total Project Cost:		13,730,000		Area:	Southwest
Confidence:			Moderate		Original Cost:		13,650,000	
Objective:							Efficiency	
Project Description								
Address stormwater issues in the Stephens Creek sub-watershed: (1) unmanaged stormwater discharge from existing impervious surfaces; (2) pollution reduction and detention of stormwater; (3) restoration of ecological functions of riparian and wetland areas; (4) energy dissipation at outfalls causing erosion and excess sediment loading. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	560,837	500,000	500,000	500,000	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	10,000	10,000	10,000	

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total	
NEW - SW Capitol Hwy Stormwater Improvements			Total Project Cost:		10,587,000		Area:	Southwest	
Confidence:		Low		Original Cost:		10,587,000		Objective:	Efficiency
Project Description									
Stormwater improvements along SW Capitol Hwy and local side streets. Within Tryon, Falling, Woods, and Vermont Creek basins to address drainage and conveyance deficiencies; along with recurring nuisance flooding issues. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	38,467	0	1,540,000	1,864,000	300,000	0	0	3,704,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
Watershed Investment Program									
Confidence:		Moderate		Total Project Cost:		Ongoing		Area:	Citywide
				Original Cost:		Ongoing		Objective:	Efficiency
Project Description									
Program funds watershed enhancements. Priority is given to projects that leverage other funding sources and/or address multiple watershed health goals. This project is funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	9,087,869	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000	
Net Operations and Maintenance Costs			5,000	10,000	10,000	10,000	10,000		
Watershed Land Acquisition Program									
Confidence:		Low		Total Project Cost:		15,500,000		Area:	Citywide
				Original Cost:		15,500,000		Objective:	Efficiency
Project Description									
Program targets the acquisition of 100 to 200 acres over five years to protect medium to high functioning natural resources in support of watershed health and stormwater management. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000	
Net Operations and Maintenance Costs			15,000	20,000	25,000	30,000	35,000		
NEW - West Lents Floodplain Restoration									
Confidence:		Low		Total Project Cost:		6,500,000		Area:	Southeast
				Original Cost:		6,500,000		Objective:	Expansion
Project Description									
Project will restore the floodplain of Johnson Creek to address flooding, improve water quality and restore habitat within West Lents. To date, the City has acquired approximately 15 acres of property within the West Lents area. Near term acquisition and ROW vacation would increase the area to approximately 19 acres. The initial phase of this project will develop and evaluate alternatives for restoring floodplains within the larger study area (approximately 36 acres), and identify immediate implementation opportunities and potential project phasing.†Funded by bond proceeds repaid by sanitary sewer and stormwater rates.									
Total Expenditures	0	0	400,000	450,000	600,000	650,000	600,000	2,700,000	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Systems Development								
Drainage Improvement				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Low		Original Cost:		Ongoing	Objective:	Expansion
Project Description								
Drainage Improvement Program provides assistance to projects initiated through Local Improvement District (LID) or Public Works Permits processes for oversizing of storm drainage facilities or upgrading of existing public downstream drainage systems. Oversizing increases capacity over the expected useful life of the facilities. It may also be used for small, urgent stormwater improvements. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	2,713,775	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW-ECIMSEnvironmental ComplianceInformationSystem								
				Total Project Cost:		2,452,061	Area:	Citywide
	Confidence:	Moderate		Original Cost:		2,452,061	Objective:	Replacement
Project Description								
The Environmental Compliance Information Management System (ECIMS) will track industry compliance with the programs it administers to control discharges to the sanitary and storm water sewer systems. Currently, the Environmental Compliance Division (ECD) uses a variety of disparate systems to manage data, including BES and commercial databases, spreadsheets, and various paper and electronic files. The ECIMS will be used to track data for ECD programs, including information about: regulated entities; their requirements (such as for inspection, monitoring, and reporting); and compliance with those requirements (violations and enforcement actions). Implementing ECIMS will allow the ECD to streamline business processes, improve access to data, and more easily share data among programs.								
Total Expenditures	671,177	0	547,654	552,980	558,649	0	0	1,659,283
Net Operations and Maintenance Costs			12,252	51,460	54,033	56,734	59,571	
Party Sewers								
				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Low		Original Cost:		Ongoing	Objective:	Efficiency
Project Description								
The Party Sewers Program addresses existing "party sewers" – shared private sewer lines crossing private property (often without appropriate easements) or existing within the right-of-way. These sewers are older and generally have not been maintained. Over several years, this project will provide each property owner with direct access to a municipal sewer line or ensure that the property has acquired an easement for a separated private line. Most of the construction costs up to a capped amount will be reimbursed by property owners to the City through an LID assessment, or through an in lieu of assessment line charge. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	11,859,356	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
PBOT Interagency Reimbursement				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Low			Original Cost:	Ongoing		Objective:	Expansion
Project Description								
The Portland Bureau of Transportation (PBOT) Interagency Reimbursement Program provides for stormwater facility and sanitary sewer design, design review, and construction inspection services associated with street improvement projects initiated by PBOT. PBOT requests necessary services and reimburses Environmental Services for all costs of these services through an interagency agreement.								
Total Expenditures	9,602,971	350,000	500,000	350,000	350,000	350,000	350,000	1,900,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Permit Reimbursement				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	High			Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This project allows a developer to be reimbursed for making public sewer available to another property, per City Code Title 17. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	1,430,109	100,000	100,000	45,000	45,000	45,000	45,000	280,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Public Works Permit Projects				Total Project Cost:	Ongoing		Area:	Southeast
Confidence:	Low			Original Cost:	Ongoing		Objective:	Expansion
Project Description								
This ongoing, full-cost recovery program supports new development by providing for new public sewer system facilities through the public works permitting process. When proposed development creates the need for additional sewer system facilities, private developers are required to construct those facilities under this program. As part of the permit process, BES reviews and approves both plans and final construction for compliance with system standards. Facilities developed through this process are accepted as part of the City's sewerage system when completed and approved and thereafter maintenance and repair are provided by the City. Facilities must be developed to system standards to ensure that expensive future maintenance problems and service failures do not occur. All bureau costs are reimbursed by the developer.								
Total Expenditures	31,982,394	500,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Sewer Easements on Existing Sewers				Total Project Cost:	Ongoing		Area:	Citywide
Confidence:	Low			Original Cost:	Ongoing		Objective:	Replacement
Project Description								
Sewer easements on existing sewers for high priority acquisitions. The bureau regularly discovers locations where collection system assets are on private property, without benefit of appropriate easements or other property interests. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	27,921	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Sewer Extensions for High Risk Septic				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	Low	Original Cost:		Ongoing	Objective:		Expansion
Project Description								
This program funds small sanitary sewer extension projects to provide sanitary sewer service to developed residential properties with septic systems. Projects will be prioritized based on risk. Funded by bond proceeds repaid by sanitary sewer and stormwater rates.								
Total Expenditures	296,948	100,000	1,000,000	100,000	100,000	1,000,000	1,000,000	3,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Fire & Police Disability & Retirement

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Maintenance and Reliability								
Database Capital Improvements				Total Project Cost:		Ongoing	Area:	Citywide
	Confidence:	High		Original Cost:		412,250	Objective:	Replacement
Project Description								
The rebuild of Fire & Police Disability & Retirement's (FPDR) FoxPro database in SQL server was completed in FY 2012-13. All expenses charged to this project in FY 2013-14 and beyond are for capital improvements to the new database. Capital expenses are estimated at \$40,000 to \$50,000 per year for the life of the forecast. The funding source for this project is the dedicated FPDR property tax levy.								
Total Expenditures	448,990	156,451	42,850	44,130	45,460	46,820	48,230	227,490
Net Operations and Maintenance Costs			36,427	45,000	49,000	51,000	51,000	



Portland Housing Bureau

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Acquisitions								
3000 SE Powell Boulevard				Total Project Cost:	57,740,630		Area:	Southeast
	Confidence:	Low		Original Cost:	4,499,000		Objective:	Expansion
Project Description								
This property was acquired in August 2017; at that time, the future development of the property had not yet been determined. The increase in total project cost reflects that this is now the first new construction project to be funded through Affordable Housing Bond proceeds.								
Total Expenditures	3,778,937	3,952,780	5,000,000	30,278,745	14,730,168	0	0	50,008,913
Net Operations and Maintenance Costs			69,000	46,096	51,124	0	0	
Buildings								
NEW - E Burnside				Total Project Cost:	14,700,888		Area:	Southeast
	Confidence:	Low		Original Cost:	14,700,888		Objective:	Expansion
Project Description								
This property was selected through a Bond Property Request for Interest (RFI) soliciting proposals for vacant land and existing buildings available for sale that met the Housing Bond Policy Framework goals. The property includes a 52-unit apartment building that was completed and sold to PHB in June 2018. The funding sources for this project include general obligation bond resources and net income from operating the property. The Development Services Fund provided interim financing for the acquisition of this property in June 2018.								
Total Expenditures	0	14,400,000	10,000	0	0	0	0	10,000
Net Operations and Maintenance Costs			290,888					
Ellington Apartments								
				Total Project Cost:	47,257,499		Area:	Northeast
	Confidence:	High		Original Cost:	59,500,000		Objective:	Expansion
Project Description								
The Ellington Apartments were acquired in February 2017. This acquisition brought 263 units into the PHB portfolio. 219 of these units either had been or were at risk of becoming market-rate. PHB will rehabilitate the property to preserve these affordable units in close-in Northeast Portland. The total acquisition cost was \$47,257,499. The original project cost included potential rehabilitation costs, but the bureau has no current plans for financing capital improvements at the property. The numbers in the table below include repayment of an interfund loan from the Development Services Fund. The funding sources for this project include general obligation bond resources and net income from operating the property.								
Total Expenditures	84,781,233	23,485,481	0	0	0	0	0	0
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Joyce Hotel				Total Project Cost:		12,473,071		
	Confidence:	Low		Original Cost:		10,920,000	Area:	Central City
							Objective:	Expansion
Project Description								
The Joyce Hotel was acquired in 2016. The building will be renovated to preserve the existing 69 units of affordable housing in the downtown core. Future year operations and maintenance costs are still in development. The funding source for redevelopment is Tax Increment Financing (TIF) proceeds as well as program income from TIF-financed loans.								
Total Expenditures	6,023,071	700,000	1,000,000	5,350,000	100,000	0	0	6,450,000
Net Operations and Maintenance Costs			25,870	25,870	0	0	0	

Office of Management & Finance

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
BTS								
NEW - Brookwood Public Safety Backup				Total Project Cost:	325,000		Area:	Citywide
Confidence:		High		Original Cost:	325,000		Objective:	Expansion
Project Description								
This project establishes a redundant network and storage site at Brookwood. The data center at the Justice Center has limited capabilities to recover at another facility in the event of a disaster. The Brookwood co-location will have rack space and servers to ensure system availability. This project will be funded with technology reserves.								
Total Expenditures	0	0	200,000	125,000	0	0	0	325,000
Net Operations and Maintenance Costs			0	75,000	75,000	75,000	75,000	
Cherwell Capability Expansion								
				Total Project Cost:	1,641,860		Area:	Citywide
Confidence:		Moderate		Original Cost:	50,000		Objective:	Expansion
Project Description								
This project will continue the BTS Support Center's build-out of the Cherwell Help Desk system, adding an Information Technology Service Management (ITSM) solution for Enterprise use. This system will improve the customer experience through use of a single interface, integrating the service catalog, leveraging with other systems, integrating functions currently performed by other systems, and empowering customers with more self-serve tools. The project will be funded with technology reserves.								
Total Expenditures	660,450	354,960	256,450	210,000	125,000	62,500	62,500	716,450
Net Operations and Maintenance Costs			0	0	0	0	0	
Comm Center Data Center Remediation								
				Total Project Cost:	682,952		Area:	Citywide
Confidence:		Low		Original Cost:	705,000		Objective:	Growth
Project Description								
The BTS Comm Center has power issues that have resulted in lack of full power redundancy for existing equipment and a lack of power capacity that will prevent additional equipment from being installed. The lack of redundancy exposes critical production systems to risk of an outage. This project will upgrade the Comm data center environment to have disparate and redundant power paths through at least two generators and UPS systems to provide dual power paths to all equipment within the room. Cooling systems will be powered so that the failure of any one leg of power will not reduce cooling capacity below the required minimum for the equipment. Funding for this project will be from technology reserves.								
Total Expenditures	0	30,000	292,952	170,000	0	0	0	462,952
Net Operations and Maintenance Costs			20,000	20,000	20,000	20,000	20,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Data Center Move and Disaster Recovery				Total Project Cost:	10,533,609		Area:	Citywide
Confidence:	Low			Original Cost:	9,700,000		Objective:	Replacement
Project Description								
This project continues the 3-year move of the BTS data center from the Portland Building to co-location facilities in Hillsboro and Colorado. The project allows for BTS to partner with a vendor outside of the region, providing BTS with disaster recovery facilities that can protect identified critical systems and data. This project is funded through interagency agreements based on bureau use of the data center.								
Total Expenditures	3,666,947	2,300,000	4,466,662	0	0	0	0	4,466,662
Net Operations and Maintenance Costs			0	20,000	20,000	20,000	20,000	
Enterprise Asset Management Pilot				Total Project Cost:	4,389,728		Area:	Citywide
Confidence:	Moderate			Original Cost:	1,600,000		Objective:	Efficiency
Project Description								
This is a pilot project for an integrated asset management solution, which includes the implementation of the SAP Plant Maintenance (Work Order System) and Flexible Real Estate modules. The Facilities Services assets will be the pilot of the functionality. Implementation of the functionality will leverage the investment in SAP by saving money on external individual applications and improve efficiency by bringing all City facilities data into SAP. The project, initially planned for FY 2016-17, has been impacted by the BTS Data Center Move project, so funding has been reappropriated for FY 2018-19. This project is funded by interagency revenues.								
Total Expenditures	5,590	0	1,551,401	638,327	0	0	0	2,189,728
Net Operations and Maintenance Costs			0	54,115	54,115	54,115	54,115	
Enterprise Mobility Management				Total Project Cost:	1,005,294		Area:	Citywide
Confidence:	Low			Original Cost:	87,500		Objective:	Efficiency
Project Description								
This phase of Enterprise Mobility includes a pilot project and implementation of mobile data management to manage the City's non-Windows 10 mobile devices. This will include work necessary for building out BTS capabilities with Netmotion to make it available Citywide. It also includes work supporting Police mobility to fully license the infrastructure to support smart phones and tablets in the Police Bureau to Criminal Justice Information Services (CJIS) Security Policy standards. Funding for this project will be from technology reserves.								
Total Expenditures	231,977	0	558,517	124,800	90,000	0	0	773,317
Net Operations and Maintenance Costs			50,000	50,000	50,000	50,000	50,000	
Enterprise Network Technology Refresh				Total Project Cost:	4,327,913		Area:	Citywide
Confidence:	Moderate			Original Cost:	2,913,500		Objective:	Replacement
Project Description								
This project establishes a six-year lifecycle replacement program for network switch and router equipment, providing a technology refresh for the City's computer network infrastructure. This project is funded by technology reserves.								
Total Expenditures	2,885,720	398,162	126,231	358,900	358,900	100,000	100,000	1,044,031
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Forest Heights IR Site Purchase				Total Project Cost:	823,137		Area:	Southeast
Confidence:	Moderate			Original Cost:	449,400		Objective:	Expansion
Project Description								
This project will complete the 3-year purchase process of the property where the Forest Heights radio site currently sits. The current owner sold the property to the City and requested installment payments over a 3-year period. This site is needed in order to provide adequate radio coverage for both public safety and public service agencies. This project is funded with bureau technology reserves.								
Total Expenditures	303,137	260,000	260,000	0	0	0	0	260,000
Net Operations and Maintenance Costs			0	5,000	5,000	5,000	5,000	
Implement Smart Card Technology				Total Project Cost:	397,600		Area:	Southeast
Confidence:	Low			Original Cost:	200,000		Objective:	Expansion
Project Description								
This project is to implement Smart Card technology which will provide for dual authentication for mobile devices such as laptops and tablets. Smart Card technology would further secure sensitive City functions in compliance with Payment Card Industry (PCI), Personally Identifiable Information (PII), federal, state and local laws and regulations. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	120,000	106,900	56,900	56,900	56,900	397,600
Net Operations and Maintenance Costs			75,000	75,000	75,000	75,000	75,000	
IRNE Construction - Fiber				Total Project Cost:	1,580,226		Area:	Citywide
Confidence:	High			Original Cost:	742,906		Objective:	Expansion
Project Description								
This project appropriates funding for future fiber builds. Anticipated project expenses will include feasibility studies, fiber optic builds, including placement of conduit, fiber, vaults, splicing, construction of building entrances, and fiber management installation on an as-needed basis. This project is funded by technology reserves.								
Total Expenditures	760,273	132,365	287,588	100,000	100,000	100,000	100,000	687,588
Net Operations and Maintenance Costs			0	0	0	0	0	
IRNE Network Technology Refresh				Total Project Cost:	3,226,062		Area:	Citywide
Confidence:	Moderate			Original Cost:	653,316		Objective:	Replacement
Project Description								
This project includes capital and lifecycle improvements to the existing Integrated Regional Network Enterprise (IRNE) infrastructure. Work includes capacity upgrades and end-of-life equipment replacement. Upgrades are needed in order to provide the capacity to meet current and future IRNE and wide area network bandwidth requirements and maintain reliability, functionality, and vendor support. This project is funded by interagency revenues (major maintenance funds) and technology reserves.								
Total Expenditures	2,427,665	75,000	423,397	75,000	75,000	75,000	75,000	723,397
Net Operations and Maintenance Costs			25,000	25,000	25,000	25,000	25,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
IRNE Voice System Tech. Refresh			Total Project Cost:		2,937,761		Area:	Citywide
Confidence:		Moderate		Original Cost:		2,766,000		Objective: Replacement
Project Description								
This telecommunications project includes the migration from, and ultimate retirement of, Lucent 5ESS as the primary voice switch. It also includes the migration to Avaya Communication Manager PBX, establishment of fault-tolerant architecture, and enhanced connectivity to Public Switched Telephone Network. Funding for this project will be from technology reserves.								
Total Expenditures	1,422,494	429,698	1,085,569	0	0	0	0	1,085,569
Net Operations and Maintenance Costs			140,000	140,000	140,000	140,000	140,000	
Mobile Application Management								
			Total Project Cost:		604,400		Area:	Citywide
Confidence:		Moderate		Original Cost:		125,000		Objective: Efficiency
Project Description								
This project establishes a Mobile Applications platform that will allow BTS to deliver mobile applications to City customers. The Citywide IT strategic plan identifies mobility as one of the highest priority initiatives. This platform will allow for standards based development, maintenance and consistent support across the enterprise. This project will be funded with bureau technology reserves.								
Total Expenditures	0	50,000	274,400	50,000	50,000	50,000	60,000	484,400
Net Operations and Maintenance Costs			15,000	15,000	15,000	15,000	15,000	
Office 365 Implementation								
			Total Project Cost:		1,781,426		Area:	Citywide
Confidence:		Moderate		Original Cost:		1,753,265		Objective: Replacement
Project Description								
This project will continue the City's transition to Office 365 by implementing SharePoint, Teams, Groups and other collaboration tools. The project may include proof of concept efforts, governance implementation, training, user education and communication. Funding for this project will be from technology reserves.								
Total Expenditures	1,043,085	105,208	143,000	218,500	52,000	62,500	62,500	538,500
Net Operations and Maintenance Costs			135,200	135,200	135,200	135,200	135,200	
NEW - P&D Print Management System								
			Total Project Cost:		471,648		Area:	Citywide
Confidence:		Moderate		Original Cost:		353,736		Objective: Efficiency
Project Description								
This project will implement a print management system for City multi-function devices (MFD's). A print management system will allow City employees to print to any City MFD from any location. The employee would swipe their identification card or enter a code to print their documents. This will result in secure printing, better tracking of copier usage, less paper usage, and improved administration of the City's system of MFD's. Planning and development costs for this project are temporarily funded from Facilities Services Operating Fund major maintenance reserves. The funding source for this project has not yet been determined, and OMF plans to bring present the project to Council for full approval of the plan and funding source in fall of 2018.								
Total Expenditures	0	0	0	94,330	23,582	0	0	117,912
Net Operations and Maintenance Costs								

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Police Office 365				Total Project Cost:	100,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	100,000		Objective:	Efficiency
Project Description								
A proof-of-concept is currently underway for moving the Portland Police Bureau to Office 365. The successful completion of that will then require purchasing of licenses and maintaining the existing exchange infrastructure until the move has been completed. This project is funded with bureau technology reserves.								
Total Expenditures	0	0	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Public Safety Failover Expansion				Total Project Cost:	300,000		Area:	Citywide
	Confidence:	Low		Original Cost:	300,000		Objective:	Expansion
Project Description								
This project would provide data center hardware and software funding to allow for the future expansion of the Public Safety program's capability for disaster recovery. The project will be funded with technology reserves.								
Total Expenditures	0	0	0	0	125,000	100,000	75,000	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Replace Telecomm Management System				Total Project Cost:	383,806		Area:	Southeast
	Confidence:	Moderate		Original Cost:	294,000		Objective:	Replacement
Project Description								
This project replaces StellarRad with a comprehensive and forward-looking Telecomm Management System. This system will serve to organize and streamline customer support and delivery processes, and will automate financial accounting functions. This project will be funded with bureau technology reserves.								
Total Expenditures	29,806	335,180	0	0	0	0	0	0
Net Operations and Maintenance Costs			0	0	0	0	0	
SAN Storage Expansion				Total Project Cost:	9,827,999		Area:	Citywide
	Confidence:	Moderate		Original Cost:	4,751,326		Objective:	Expansion
Project Description								
This project provides increased capacity of centralized storage and enterprise backup to meet demand from projects and existing data growth. Funding for this project will be from technology reserves.								
Total Expenditures	5,412,472	200,000	673,127	266,400	1,375,200	537,600	1,363,200	4,215,527
Net Operations and Maintenance Costs			41,472	47,952	247,536	96,768	245,376	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - SAP Learning Management System			Total Project Cost:		250,000		Area: Citywide	
Confidence:		Moderate		Original Cost:		250,000		Objective: Replacement
Project Description								
This project is to implement SAP's Learning Management System (LMS) to replace the current SAP module, LSO. The current module does not meet the needs of the bureaus, especially Human Resources (BHR). SAP HCM Talent Management, which includes LMS, is being replaced by SuccessFactors Talent Management. HCM on premise will no longer be supported after 2025 and moving to LMS is part of our first step towards moving to SuccessFactors, which eventually replace SAP on prem HCM capabilities. LMS offers more flexibility than the current LSO solution, allowing tiers so that BHR can set up required courses for all City of Portland employees and then allow bureaus flexibility in use for training purposes. This project will be funded with EBS reserves.								
Total Expenditures	0	225,000	25,000	0	0	0	0	25,000
Net Operations and Maintenance Costs			110,000	110,000	110,000	110,000	110,000	
NEW - Video Centralized Management Upgrade			Total Project Cost:		100,000		Area: Citywide	
Confidence:		Low		Original Cost:		100,000		Objective: Efficiency
Project Description								
The City's video security systems have now been upgraded to IP (Internet Protocol) based rather than analog. These new systems require more support for upgrades, monitoring and repairs. This project will allow for centralized software to support automated patching, monitoring and response, reducing technician time in resolving issues on-site. Funding for this project will be from technology reserves.								
Total Expenditures	0	0	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			5,000	5,000	5,000	5,000	5,000	
Web Site Replacement			Total Project Cost:		1,767,020		Area: Citywide	
Confidence:		Moderate		Original Cost:		1,475,020		Objective: Replacement
Project Description								
This project will replace the in-house developed City web site content management system (CMS) with technology that meets the dynamic needs of the City's online presence. CMS is a computer application that supports the creation and modification of digital content. Benefits of the new system will include easier inclusion of new features and changes, better support of application frameworks and web browsers, improved security, and more effective management and sharing of digital assets. Funding of this project will be from technology reserves.								
Total Expenditures	0	428,000	449,600	244,200	409,820	235,400	0	1,339,020
Net Operations and Maintenance Costs			117,120	165,960	247,924	295,004	295,004	
Wireless Network Expansion			Total Project Cost:		1,003,282		Area: Citywide	
Confidence:		Moderate		Original Cost:		240,000		Objective: Expansion
Project Description								
This project deploys WiFi network coverage in City buildings and facilities with a six-year replacement plan and funding model. Replacement of existing secure and public Wi-Fi access points and expansion of secure and public Wi-Fi network coverage throughout the Police Bureau with a five-year replacement plan and funding model. This project is funded by technology reserves.								
Total Expenditures	501,336	133,746	134,400	34,400	34,400	100,000	65,000	368,200
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Workflow Application				Total Project Cost:	255,500		Area:	Citywide
Confidence:	Moderate			Original Cost:	255,500		Objective:	Replacement
Project Description								
This project would replace the existing TRACK-IT system with an Enterprise Business Process Management (BPM) platform. TRACK-IT, a 20-year old internally developed application, is outdated and difficult to support. The replacement BPM will enable the City to create process/work flows to enable collaboration and more efficient City services. This project will be funded through technology reserves.								
Total Expenditures	0	0	0	195,500	60,000	0	0	255,500
Net Operations and Maintenance Costs			0	0	0	0	0	
CityFleet								
NEW - BDS Replacement				Total Project Cost:	132,545		Area:	Central City
Confidence:	High			Original Cost:	132,545		Objective:	Replacement
Project Description								
Scheduled replacement of vehicles and equipment for the Bureau of Development Services. This project is funded by interagency revenues.								
Total Expenditures	0	0	0	132,545	0	0	0	132,545
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CityFleetReplacement				Total Project Cost:	2,092,597		Area:	Central City
Confidence:	High			Original Cost:	2,092,597		Objective:	Replacement
Project Description								
Scheduled vehicle and equipment replacement for several divisions in the Office of Management and Finance including Printing and Distribution, Bureau of Technology Services, CityFleet, and Facilities Services. This project is funded by interagency revenues.								
Total Expenditures	0	0	594,384	246,745	244,944	606,731	399,793	2,092,597
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Fire Replacement				Total Project Cost:	2,566,265		Area:	Central City
Confidence:	High			Original Cost:	2,566,265		Objective:	Replacement
Project Description								
Scheduled replacement vehicles and equipment for the Fire Bureau. This project is funded by interagency revenues.								
Total Expenditures	0	0	303,464	42,663	682,129	870,060	667,949	2,566,265
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Golf Replacement				Total Project Cost:	1,755,734		Area:	Central City
Confidence:		High		Original Cost:	1,755,734		Objective:	Replacement
Project Description	Scheduled replacement vehicles and equipment for the Golf fund. This project is funded by interagency revenues.							
Total Expenditures	0	0	624,675	32,575	430,818	575,929	91,737	1,755,734
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Parks Replacement				Total Project Cost:	8,265,484		Area:	Central City
Confidence:		High		Original Cost:	8,265,484		Objective:	Replacement
Project Description	Scheduled replacement vehicles and equipment for the Parks Bureau. This project is funded by interagency revenues.							
Total Expenditures	0	0	765,133	1,169,664	1,293,447	2,074,681	2,962,559	8,265,484
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - PBOT Replacement				Total Project Cost:	26,316,249		Area:	Central City
Confidence:		High		Original Cost:	26,316,249		Objective:	Replacement
Project Description	Scheduled replacement vehicles and equipment for the Portland Bureau of Transportation. This project is funded by interagency revenues.							
Total Expenditures	0	0	9,068,332	2,843,491	6,414,219	5,396,582	2,593,625	26,316,249
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Police Replacement				Total Project Cost:	28,116,300		Area:	Central City
Confidence:		High		Original Cost:	28,116,300		Objective:	Replacement
Project Description	Scheduled replacement vehicles and equipment for the Portland Police Bureau. This project is funded by interagency revenues.							
Total Expenditures	0	0	2,082,823	4,643,976	8,182,193	10,570,018	2,637,290	28,116,300
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Replace and Construct Fueling Stations				Total Project Cost:		14,401,000		Area: Central City
	Confidence:	Low		Original Cost:		13,620,155		Objective: Replacement

Project Description

Based on results from a recently completed Citywide project ranking process, the City of Portland has identified a need to replace aging fueling system infrastructure at five locations across the city. These locations include SW First and Jefferson garage, Interstate Yard, Mt Tabor Yard, Columbia Blvd Wastewater Treatment Plant, and Penumbra Kelly Building. The total cost of these replacements is estimated at \$9.7 million (low confidence). Additionally, the Bureau of Emergency Management has identified a need to increase emergency preparedness by developing fueling sites on the west side of the Willamette and east of Highway 205. These projects are estimated at \$3.9 million (low confidence). The program will be funded through cash received from the General Fund in FY 2014-15 (\$1.2M) and a debt financing (\$12.4M).

Total Expenditures	1,795,746	1,696,341	4,949,778	1,691,459	5,964,017	0	0	12,605,254
Net Operations and Maintenance Costs			0	0	0	0	0	

Facilities

1900 Building Electronic Vehicle Chargers				Total Project Cost:		308,000		Area: Southwest
	Confidence:	Optimal		Original Cost:		308,000		Objective: Sustainability

Project Description

This project is for the installation of 43 electronic vehicle charging stations that will be compatible with the City's electronic vehicle fleet in the parking garage owned by Portland State University at the 1900 Building. This project is funded through an interagency agreement between Facilities and the Bureau of Development Services.

Total Expenditures	164,346	0	143,654	0	0	0	0	143,654
Net Operations and Maintenance Costs			0	0	0	0	0	

City Hall Security Upgrades				Total Project Cost:		50,000		Area: Southwest
	Confidence:	Optimal		Original Cost:		50,000		Maintenance-Safety

Project Description

This capital project is for upgrading door hardware at City Hall's 4th avenue entrance, along with several other security upgrades. Also requires reconfiguring the building's access control system. This project is funded from Facilities major maintenance reserves.

Total Expenditures	21,826	0	28,174	0	0	0	0	28,174
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Jasmine Block Building				Total Project Cost:	20,580,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	20,580,000		Objective:	Expansion
Project Description								
In partnership with Portland State University (PSU), the City is participating in the redevelopment of the "Jasmine Block" property at SW 4th and Montgomery. The project is slated for completion in 2020. The City is expected to own at least 30,000 square feet of space in the project. This property was identified as a key redevelopment priority in 2014 by the City, Prosper Portland and PSU. This package provides \$1.58 million from the General Fund for the required 5% cash financing component and financing costs and \$19 million from debt financing for the City's contribution to the project.								
Total Expenditures	0	0	19,712,300	867,700	0	0	0	20,580,000
Net Operations and Maintenance Costs			0	0	549,900	549,900	549,900	
PCC HVAC Centralization				Total Project Cost:	1,000,000		Area:	Southeast
	Confidence:	Low		Original Cost:	1,000,000		Objective:	Expansion
Project Description								
This project designs and constructs a central plant HVAC system to serve all of the rooms collectively. This would create dedicated HVAC equipment for the collective use and allow for future telecommunications loads and needed redundancy. A central plant system eliminates the overall risk to the individual rooms due to isolated equipment failures. The funding source for this project is a one-time surcharge to rental rates paid by tenants (Bureau of Emergency Communications and Bureau of Technology Services). This project is funded from Facilities major maintenance reserves.								
Total Expenditures	100,000	1,000,000	900,000	0	0	0	0	900,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Portland Building Reconstruction Project				Total Project Cost:	195,000,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	195,000,000		Objective:	Maintenance-Preservation
Project Description								
In October 2015, Council approved Resolution #37158 in which OMF was directed to complete the Portland Building Reconstruction project by the year 2020 for a cost not to exceed \$195 million. This project is funded using \$9,750,000 in cash, and \$185,250,000 in debt financing.								
Total Expenditures	15,442,014	62,879,965	68,542,749	46,683,220	1,546,535	0	0	116,772,504
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Portland Building Technology Project				Total Project Cost:	3,573,780		Area:	Southwest
	Confidence:	Moderate		Original Cost:	3,573,780		Objective:	Efficiency
Project Description								
This Portland Building technology project includes three technology projects for the reconstructed Portland Building. The three projects are audio/visual technologies for meeting rooms, a room scheduling system, and a digital signage system. Planning and development costs for this project are temporarily funded from Facilities Services Operating Fund major maintenance reserves. The funding source for this project has not yet been determined, and OMF plans to bring present the project to Council for full approval of the plan and funding source in fall of 2018. This project is tentatively planned to be funding with cash (5%) and debt financing (95%).								
Total Expenditures	0	0	2,680,335	714,756	178,689	0	0	3,573,780
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Space Optimization				Total Project Cost:	18,858,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	18,858,000		Objective:	Efficiency

Project Description

The Space Optimization Project was approved by City Council in March 2017. The project will complete the build out of tenant space in the reconstructed Portland Building and install modern furniture systems to maximize the number of City employees in the building. This will allow the City to avoid external leasing costs and make the best use of the building. The project is funded with cash from tenant funds and a debt sale. Debt service will be included in downtown office space blended rental rate.

Total Expenditures	0	0	5,000,000	13,858,000	0	0	0	18,858,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Procurement

NEW - B2G / LCP Tracker				Total Project Cost:	940,630		Area:	Central City
	Confidence:	High		Original Cost:	940,630		Objective:	Replacement

Project Description

This project will replace software used in the Procurement Services division for tracking contractor compliance with procurement requirements

Total Expenditures	0	290,630	0	0	0	0	0	0
Net Operations and Maintenance Costs			130,000	130,000	130,000	130,000	130,000	



Portland Parks & Recreation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Acquisitions								
Central City Park Acquisition				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Moderate		Original Cost:	Ongoing		Objective:	GRO: New
Project Description								
Park acquisition program in the Central City area. Funded by System Development Charges.								
Total Expenditures	0	3,000,000	7,000,000	0	0	0	0	7,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Non Central City Park Acquisitions Program								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Moderate		Original Cost:	Ongoing		Objective:	GRO: New
Project Description								
Park acquisition program in the non-Central City area. Funded by System Development Charges.								
Total Expenditures	0	5,480,000	3,975,000	0	0	0	0	3,975,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Buildings & Pools								
Auto Locking Restrooms				Total Project Cost:	625,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	625,000		Objective:	Growth
Project Description								
The project uses new, emerging technologies to automate the nightly locking of PP&R restrooms and gates for safety and security reasons, funded with one-time General Fund resources and System Development Charges.								
Total Expenditures	0	500,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Bloomington Park Restroom				Total Project Cost:	421,482		Area:	East
	Confidence:	High		Original Cost:	426,383		Objective:	Replacement
Project Description								
Renovate the existing restroom. Demolish walls and partitions and reconfigure interior spaces to provide ADA-compliant restrooms; preserve storage closet; provide new plumbing, drainage system, and ADA-compliant fixtures; and reconfigure roof drainage system. Improve amount of natural light to the interior if possible. Replace steep path between the playground and SE Steele; repair other ADA non-compliant path-of-travel issues; replace curb ramp at SE Steele to be compliant. Funded by 2014 general obligation bonds.								
Total Expenditures	70,446	340,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Colonel Summers Park Loo				Total Project Cost:	1,310,765		Area:	Southeast
	Confidence:	High		Original Cost:	717,468		Objective:	Replacement
Project Description								
Add a Portland Loo including water, electrical and sanitary sewer systems to serve the new Loo. Funded by 2014 general obligation bonds.								
Total Expenditures	392,337	364,100	600,000	0	0	0	0	600,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Computer Hardware Equipment Reserve				Total Project Cost:	297,000		Area:	Citywide
	Confidence:	High		Original Cost:	297,000		Objective:	Maintenance-Preservation
Project Description								
Reserve for purchase of information technology hardware. Funded by prior year allocations from Portland Parks & Recreation operating budget.								
Total Expenditures	198,339	99,000	99,000	0	0	0	0	99,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Couch Park Loo				Total Project Cost:	577,388		Area:	Northwest
	Confidence:	High		Original Cost:	577,388		Objective:	Growth
Project Description								
Add a Portland Loo near the existing restroom building. Convert the existing restroom to maintenance and recreation support functions only. Correct ADA deficiencies in the pavement immediately surrounding the restroom building and Loo. Funded by 2014 general obligation bonds.								
Total Expenditures	77,364	500,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Ed Benedict Park Restroom Repair				Total Project Cost:	100,000		Area:	East
	Confidence:	High		Original Cost:	633,800		Objective:	Maintenance & Repair
Project Description								
Upgrade existing restroom near the skatepark facility. Funded by 2014 general obligation bonds.								
Total Expenditures	26,732	75,000	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
EPCC Pool Replaster				Total Project Cost:		315,000	Area:	East
	Confidence:	Moderate		Original Cost:		315,000	Objective:	Maintenance & Repair
Project Description								
This project repairs the plaster in the East Portland Community Center Pool. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	315,000	315,000	0	0	0	0	315,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Forestry HQ Replacement				Total Project Cost:		410,736	Area:	North
	Confidence:	High		Original Cost:		7,356,000	Objective:	Replacement
Project Description								
Replace the Forestry Headquarters including sitework, new administrative and office building, and demolition of the old facility. Funded by a portion of the annual General Fund major maintenance allocation and Urban Forestry Trust funds. This project is complemented by a project that is building a new maintenance and vehicle facility, funded by one-time capital set aside and 2014 general obligation bond funding.								
Total Expenditures	62,814	300,000	280,000	0	0	0	0	280,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Glenwood Park Restroom				Total Project Cost:		391,488	Area:	East
	Confidence:	High		Original Cost:		395,678	Objective:	Replacement
Project Description								
Renovate existing restroom. Reconfigure interior spaces to add square footage to the ADA stall. Renovate floor in ADA stall to slope/drain within ADA tolerances. Enlarge drain and check trap, replace siding. Provide fully accessible path from SE 89th by repairing three sections of ADA non-compliant asphalt paving. Add natural light to the interior if possible. Funded by 2014 general obligation bonds.								
Total Expenditures	68,550	310,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Health, Safety, Environmental Capital Imprvmnts				Total Project Cost:		203,000	Area:	Citywide
	Confidence:	Low		Original Cost:		203,000	Objective:	Maintenance & Repair
Project Description								
This project undertakes a series of work to improve the health, safety, and environment of Parks' visitors and employees, such as Hazardous Materials testing at community centers. This project is funded with one-time capital set aside resources.								
Total Expenditures	0	0	203,000	0	0	0	0	203,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
MAC Seismic Study				Total Project Cost:	126,896		Area:	Southwest
	Confidence:	Moderate		Original Cost:	126,896		Objective:	Growth
Project Description								
Complete seismic study at Multnomah Arts Center. Funded by 2014 general obligation bonds.								
Total Expenditures	58,947	50,000	40,000	0	0	0	0	40,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Major Maintenance								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	High		Original Cost:	Ongoing		Objective:	Maintenance-Preservation
Project Description								
The funding addresses capital maintenance projects with an ongoing budget appropriation. Current budget includes funding held for emergency projects and an allocation to include identified ADA improvements to existing projects. Funded with General Fund major maintenance allocation.								
Total Expenditures	1,077,780	632,792	1,804,036	0	0	0	0	1,804,036
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Matt Dishman Electrical								
				Total Project Cost:	250,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	250,000		Objective:	Maintenance & Repair
Project Description								
Upgrades electrical service at Matt Dishman Community Center. Funded by 2014 general obligation bonds.								
Total Expenditures	0	62,500	250,000	0	0	0	0	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Matt Dishman Roof								
				Total Project Cost:	500,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	500,000		Objective:	Maintenance & Repair
Project Description								
Repairs the roof at Matt Dishman Community Center. Funded by 2014 general obligation bonds.								
Total Expenditures	0	125,000	490,000	0	0	0	0	490,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Montavilla Community Center Roof				Total Project Cost:	1,300,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	1,300,000		Objective:	Maintenance & Repair
Project Description								
Repairs Montavilla Community Center Roof. Funded by 2014 general obligation bonds.								
Total Expenditures	0	325,000	1,000,000	200,000	0	0	0	1,200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Park Summit Restroom				Total Project Cost:	623,984		Area:	Southeast
	Confidence:	High		Original Cost:	676,474		Objective:	Replacement
Project Description								
Renovate summit restrooms including plumbing and electrical systems; interior partitions, finishes, fixtures, and paint; sewer line, lighting, roof and seismic upgrades, and bring all to complete ADA accessibility standards. Provide fully-accessible path from Harvey Scott Drive. Funded by 2014 general obligation bonds.								
Total Expenditures	383,716	162,000	80,000	0	0	0	0	80,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Yard Maintenance Facility				Total Project Cost:	7,543,625		Area:	Southeast
	Confidence:	High		Original Cost:	7,490,145		Objective:	Replacement
Project Description								
Construct new shop space on the east side of the Mt. Tabor Maintenance Yard. This project will remove the Community Gardens office building and existing substandard shop and storage buildings; build a new 21,600 square foot shop and office facility for the electric, paint, welding, fencing, facilities maintenance, and carpentry shops. Provide stormwater, sanitary, water, and lighting for the new building. Abate any hazardous materials encountered during demolition and construction. Provide temporary quarters for impacted programs during construction and provide building shell retrofits for relocated programs. If possible, also review and solve main water line supply problem during this phase of work. Provide a new fire hydrant and electric vehicle charging station. Funded by 2014 general obligation bonds.								
Total Expenditures	526,380	7,000,000	4,000,000	1,500,000	500,000	0	0	6,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt. Scott Community Center Roof Repair				Total Project Cost:	2,570,000		Area:	Southeast
	Confidence:	High		Original Cost:	2,570,000		Objective:	Replacement
Project Description								
This project repairs the roof over Mt. Scott Community Center, including the pool. Numerous active leaks have resulted in customer health/safety impacts; these have been temporarily repaired but eventually this leaking could cause longer-term damage to the building. Replacement will likely trigger seismic upgrades and improved worker fall protection. This project is funded by one-time General Fund resources.								
Total Expenditures	1,040	570,000	1,132,353	0	0	0	0	1,132,353
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total	
NEW - Multnomah Arts Center ADA Upgrades			Total Project Cost:		450,000		Area:	Southwest	
Confidence:			Moderate	Original Cost:		450,000		Objective:	Maintenance & Repair
Project Description									
Improves Multnomah Arts Center's paths of travel and interior spaces. Funded by 2014 general obligation bonds.									
Total Expenditures	0	112,500	450,000	0	0	0	0	450,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - Multnomah Arts Center Electric Service & Panel			Total Project Cost:		150,000		Area:	Southwest	
Confidence:			Moderate	Original Cost:		150,000		Objective:	Maintenance & Repair
Project Description									
This project upgrades the electrical service and panel at Multnomah Arts Center. Funded General Fund Major Maintenance resources.									
Total Expenditures	0	150,000	100,000	0	0	0	0	100,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - Multnomah Arts Center Seismic Improvements			Total Project Cost:		1,000,000		Area:	Southwest	
Confidence:			Moderate	Original Cost:		1,000,000		Objective:	Maintenance & Repair
Project Description									
Complete seismic improvements at Multnomah Arts Center. Funded with 2014 general obligation bonds.									
Total Expenditures	0	250,000	900,000	0	0	0	0	900,000	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - Peninsula Pool Improvements			Total Project Cost:		3,700,000		Area:	Northeast	
Confidence:			Moderate	Original Cost:		3,700,000		Objective:	Maintenance & Repair
Project Description									
This project upgrades pool mechanical systems. Funded with 2014 general obligation bonds.									
Total Expenditures	9,273	3,700,000	3,000,000	200,000	0	0	0	3,200,000	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Portland Children's Museum Asbestos Abatement				Total Project Cost:	250,000		Area:	Northwest
	Confidence:	Moderate		Original Cost:	250,000		Objective:	Maintenance & Repair
Project Description								
Removes asbestos coverings at the Children's Museum. Funded with General Fund Capital Set-Aside resources.								
Total Expenditures	0	50,000	250,000	0	0	0	0	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Raymond Park Loo				Total Project Cost:	533,800		Area:	East
	Confidence:	High		Original Cost:	533,800		Objective:	Expansion
Project Description								
Add a Portland Loo. Provide water, electrical and sanitary sewer systems to serve the new Loo. Funded by 2014 general obligation bonds.								
Total Expenditures	7,873	525,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	22,000	22,000	22,000	22,000	
Sellwood Park Kitchen Roof				Total Project Cost:	1,272,539		Area:	Southeast
	Confidence:	High		Original Cost:	1,279,247		Objective:	Replacement
Project Description								
Replace kitchen building roof. Match historic character of the building, but also make diaphragm and seismic improvements and rebuild the roof windows. Funded by 2014 general obligation bonds.								
Total Expenditures	0	500,000	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Southwest Community Center Natatorium				Total Project Cost:	1,100,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	1,300,000		Objective:	Maintenance-Preservation
Project Description								
This project addresses needed roof and structural repairs over the community center's natatorium. This project was funded with General Fund one-time resources in the FY 2016-17 Fall BuMP.								
Total Expenditures	0	100,000	1,000,000	100,000	0	0	0	1,100,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Southwest Community Center Solar Panels			Total Project Cost:		182,000		Area:	Southwest
Confidence:			Moderate		Original Cost:		182,000	
Objective:							Maintenance-Preservation	
Project Description								
Install solar panels at Southwest Community Center. This project helps increase the city's solar energy capacity. This project was funded with \$182,000 of General Fund one-time resources in the FY 2016-17 Fall BuMP.								
Total Expenditures	0	20,000	162,000	20,000	0	0	0	182,000
Net Operations and Maintenance Costs			0	0	0	0	0	
St Johns CC Roof								
Confidence:			High		Total Project Cost:		1,169,782	
Objective:					Original Cost:		1,079,229	
Area:							North Replacement	
Project Description								
Make various repairs at this 1940s facility: install new roof, complete seismic upgrades and ADA renovations, and resolve HVAC issues. Funded by 2014 general obligation bonds.								
Total Expenditures	178,061	864,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Urban Forestry Maintenance Facility								
Confidence:			High		Total Project Cost:		4,364,091	
Objective:					Original Cost:		2,379,800	
Area:							North Replacement	
Project Description								
Construct a 10,000 square foot covered and secure storage area for large equipment, located in the center of the Urban Forestry maintenance yard and just south of the entry road, consistent with the 2002 Master Plan. Also build a 2,500 square foot enclosed shop building, located adjacent to the south side of the equipment storage area. Funded by General Fund resources and 2014 general obligation bonds. This project is complemented by a major maintenance and trust-funded project that is building a new administrative and office building.								
Total Expenditures	161,161	2,191,000	3,000,000	1,000,000	0	0	0	4,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Ventura Park Loo								
Confidence:			High		Total Project Cost:		568,077	
Objective:					Original Cost:		720,105	
Area:							East Growth	
Project Description								
Install a new Portland Loo. Location will be near the play area on the site of the former water feature, and provide water, electrical and sanitary sewer systems to serve it. Provide ADA-compliant connections to the sidewalk and the play area. Funded by general obligation bonds, passed in November 2014, with additional funding from System Development Charge fees.								
Total Expenditures	28,942	390,000	0	0	0	0	0	0
Net Operations and Maintenance Costs			0	22,000	22,000	22,000	22,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Developed Parks								
Central City Park Development	Confidence:	Moderate	Total Project Cost:		Ongoing	Area:	Central City	
			Original Cost:	Ongoing	GRO: New			
Project Description								
System development charge funded park development in the Central City. Projects to be determined.								
Total Expenditures	0	4,000,000	11,000,000	3,000,000	900,000	0	0	14,900,000
Net Operations and Maintenance Costs			0	0	0	0	0	
East Holladay Park DOLA Fencing								
	Confidence:	Moderate	Total Project Cost:		225,000	Area:	Southeast	
			Original Cost:	225,000	Growth			
Project Description								
This project installs fencing, gates, and signage and includes some grading and re-surfacing work. Funded by System Development Charges.								
Total Expenditures	0	225,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Errol Heights Park Development								
	Confidence:	Moderate	Total Project Cost:		5,300,000	Area:	East	
			Original Cost:	5,300,000	Growth			
Project Description								
Phase 1 implementation of the 2005 Master Plan. Potential improvements include natural area enhancements and pathways, irrigated lawn/plantings, porta-potty infrastructure or loo, active play, and picnic shelter/overlook. SE 45th-52nd Ave and SE Harney to Tenino. Funded with System Development Charges.								
Total Expenditures	353	2,500,000	1,200,000	3,000,000	1,000,000	0	0	5,200,000
Net Operations and Maintenance Costs			0	68,000	68,000	68,000	68,000	
NEW - Fernhill Park Lead Removal								
	Confidence:	High	Total Project Cost:		500,000	Area:	Northeast	
			Original Cost:	500,000	Maintenance & Repair			
Project Description								
Replace lead water supply infrastructure. Funded with 2014 general obligation bonds.								
Total Expenditures	0	125,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Gabriel Park Playground			Total Project Cost:		1,700,000		Area:	Southwest
Confidence:			Moderate		Original Cost:		1,700,000	
Objective:							Maintenance & Repair	
Project Description								
Renovates the existing playground at Gabriel Park. Funded by 2014 general fund obligation bonds.								
Total Expenditures	0	425,000	1,500,000	190,000	0	0	0	1,690,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Gateway Discovery Park Development								
Total Project Cost:			8,800,000		Area:		East	
Confidence:			Moderate		Original Cost:		5,750,000	
Objective:							GRO: New	
Project Description								
Gateway property development per the Gateway Master Plan. The park includes an urban plaza with an interactive water feature, seating areas, pathways, picnic areas, skate/bike feature, adventure-inspired play area, open flexible lawn area, restroom, stormwater facilities, and other typical park amenities. Funded by System Development Charges.								
Total Expenditures	5,801,772	3,300,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			540,398	540,398	540,398	540,398	540,398	
NEW - Gilbert Primary Park Playground								
Total Project Cost:			1,100,000		Area:		East	
Confidence:			Moderate		Original Cost:		1,100,000	
Objective:							Maintenance & Repair	
Project Description								
Renovate existing playground at Gilbert Primary Park. Funded with 2014 general obligation bonds.								
Total Expenditures	0	275,000	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Glenhaven Park Playground								
Total Project Cost:			1,700,000		Area:		Northeast	
Confidence:			Moderate		Original Cost:		1,700,000	
Objective:							Maintenance & Repair	
Project Description								
Renovates the existing playground and adds new play features at Glenhaven Park. Funded with 2014 general obligation bonds and System Development Charges.								
Total Expenditures	0	425,000	1,250,000	350,000	0	0	0	1,600,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Halprin Parks Restoration - LID	Total Project Cost:			3,600,000		Area:		Central City
	Confidence:	Moderate	Original Cost:		2,100,000		Objective:	Maintenance & Repair
Project Description								
Restore Halprin fountains: Lovejoy, Keller, and Pettygrove. Funded by General Fund and a Local Improvement District.								
Total Expenditures	471,969	350,000	1,000,000	2,000,000	0	0	0	3,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Laurelhurst Park Handrails	Total Project Cost:			170,000		Area:		Southeast
	Confidence:	Moderate	Original Cost:		170,000		Objective:	Growth
Project Description								
Install new handrails on stairways. Funded by System Development Charges.								
Total Expenditures	14,628	170,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Luwit View Park Development	Total Project Cost:			11,800,000		Area:		East
	Confidence:	Moderate	Original Cost:		7,900,000		Objective:	GRO: New
Project Description								
Phase 1: Develop property to a basic level: earthwork, paths, irrigated lawn and landscaping, benches, utilities and drainage. Phase 2: Develop sports fields, BMX, skatespot, plaza, and wall seating. All phases funded by System Development Charges.								
Total Expenditures	7,654,516	4,200,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			316,418	316,418	316,418	316,418	316,418	
Mt Tabor Park Stairs Handrails	Total Project Cost:			420,000		Area:		Southeast
	Confidence:	Moderate	Original Cost:		420,000		Objective:	Maintenance & Repair
Project Description								
Repair existing stair structure and add new handrails. Funded with 2014 general obligation bonds and System Development Charges.								
Total Expenditures	25,171	62,500	350,000	0	0	0	0	350,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Non Central City Park Development Program			Total Project Cost:		Ongoing	Area:		Citywide
Confidence:		Moderate	Original Cost:		Ongoing	Objective:		GRO: New
Project Description								
Projects funded by system development charges in the non-Central City. Projects to be determined.								
Total Expenditures	0	9,676,236	5,000,000	300,000	0	0	0	5,300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Parklane Park Development								
			Total Project Cost:		6,000,000	Area:		East
Confidence:		Low	Original Cost:		6,046,000	Objective:		GRO: New
Project Description								
This project includes basic park improvements noted in the Master Plan: spray feature, paths, utilities, plantings, and site furniture. Funded by System Development Charges. This project is complemented by a bond-funded installation of a Portland Loo.								
Total Expenditures	15,052	2,950,000	2,000,000	500,000	0	0	0	2,500,000
Net Operations and Maintenance Costs			0	0	0	400,000	400,000	
NEW - Pier Park Restrooms & Shelter								
			Total Project Cost:		750,000	Area:		North
Confidence:		Moderate	Original Cost:		750,000	Objective:		Maintenance & Repair
Project Description								
Renovate restroom and shelter at Pier Park. Funded with 2014 general obligation bonds.								
Total Expenditures	0	187,500	600,000	0	0	0	0	600,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Pioneer Courthouse Square Improvements								
			Total Project Cost:		10,000,000	Area:		Central City
Confidence:		High	Original Cost:		10,000,000	Objective:		Replacement
Project Description								
Replace failing structures, fix leaks and cracks, make improvements at a high-use park. Funded by 2014 general obligation bonds.								
Total Expenditures	5,279,567	4,700,000	2,500,000	0	0	0	0	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Play Piece Replacements				Total Project Cost:	3,000,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	3,000,000		Objective:	Maintenance & Repair
Project Description	Replace lead-painted, deteriorating or damaged, and old play equipment that is not up to current safety codes. Funded with 2014 general obligation bonds.							
Total Expenditures	0	750,000	800,000	800,000	800,000	500,000	0	2,900,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Spring Garden Park Development				Total Project Cost:	3,800,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	1,500,000		Objective:	GRO: New
Project Description	Implement 2002 Spring Garden Park Master Plan. Project includes a new play area with some nature-based features; seating, drinking fountain, and a water line. Funded by System Development Charges.							
Total Expenditures	502,879	2,900,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			96,041	96,041	96,041	96,041	96,041	
Green Infrastructure								
Leach Botanical Garden				Total Project Cost:	6,600,000		Area:	East
	Confidence:	Moderate		Original Cost:	1,343,000		Objective:	Maintenance-Preservation
Project Description	Renovation of Leach Botanical Garden. Funded by Prosper Portland and System Development Charges.							
Total Expenditures	892,438	500,000	3,000,000	1,000,000	1,000,000	500,000	0	5,500,000
Net Operations and Maintenance Costs			157,483	157,483	157,483	157,483	157,483	
Riverview Nature Area Restoration				Total Project Cost:	250,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	250,000		Objective:	GRO: New
Project Description	Restoration of newly acquired land in Southwest Portland. Funded by mitigation funding from Multnomah County for the Sellwood Bridge project.							
Total Expenditures	138,288	45,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			146,000	146,000	146,000	146,000	146,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Waterfront Park Bioswale Reconfiguration			Total Project Cost:		48,150		Area: Central City	
Confidence:		High		Original Cost:		33,150		Objective: Replacement
Project Description								
Existing stormwater facility is being used for trash and human waste. This project will reconfigure the area to discourage current use. Funded with the bureau's General Fund major maintenance allocation.								
Total Expenditures	7,451	0	30,000	0	0	0	0	30,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Park Amenities & Trails								
Columbia Children's Arboretum			Total Project Cost:		1,135,000		Area: Northeast	
Confidence:		Moderate		Original Cost:		1,135,000		Objective: Growth
Project Description								
This project protects the site's natural resources while providing needed recreational opportunities. New amenities will include a paved trailed, paved accessible parking, and a shelter for educational/interpretive programs and group activities. Funded by System Development Charges.								
Total Expenditures	323	1,135,000	1,000,000	100,000	0	0	0	1,100,000
Net Operations and Maintenance Costs			0	0	13,000	13,000	13,000	
Gateway Green Development								
			Total Project Cost:		3,100,000		Area: East	
Confidence:		Moderate		Original Cost:		3,100,000		Objective: Growth
Project Description								
This project will include hard and soft surface paths, nature play, lighting, and habitat restoration. Funded by Friends of Gateway Green, Metro, General Fund, and System Development Charges.								
Total Expenditures	269,782	1,700,000	1,000,000	300,000	0	0	0	1,300,000
Net Operations and Maintenance Costs			0	0	112,000	112,000	112,000	
Recreation Features								
Argay Tennis Court			Total Project Cost:		1,067,533		Area: East	
Confidence:		High		Original Cost:		1,076,239		Objective: Replacement
Project Description								
Upgrade all four existing tennis courts at Argay Park including surfaces, lighting, fencing, nets, and stanchions. Replace the drinking fountain and wood planking on the existing player benches. Funded by 2014 general obligation bonds.								
Total Expenditures	328,332	900,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Couch Park Playground				Total Project Cost:	2,133,516		Area:	Northwest
Confidence:		High		Original Cost:	1,633,516		Objective:	Replacement
Project Description								
Replace play equipment, playground surfaces and substructures, and fencing and correct adjacent ADA deficiencies including the brick plaza walkway between NW Glisan and Hoyt to provide a safe, accessible path to and from the streets and the restroom. Funded by donations and 2014 general obligation bonds.								
Total Expenditures	405,077	1,900,000	1,000,000	600,000	0	0	0	1,600,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Creston Park Playground				Total Project Cost:	806,287		Area:	Southeast
Confidence:		High		Original Cost:	774,642		Objective:	Replacement
Project Description								
Renovate or replace play equipment. Upgrade playground surface and substructures. Provide an ADA-accessible path to the playground and the swings from the park's west parking lot. Also provide an ADA compliant drinking fountain and benches. Funded by 2014 general obligation bonds.								
Total Expenditures	28,256	720,000	700,000	0	0	0	0	700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Delta Park Artificial Turf				Total Project Cost:	4,000,000		Area:	North
Confidence:		High		Original Cost:	2,000,000		Objective:	GRO: Expand
Project Description								
Convert three of the remaining turf soccer fields to synthetic turf. The original project included replacement of two fields. Funding provided by System Development Charges.								
Total Expenditures	12,183	240,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fernhill Splash Pad				Total Project Cost:	500,000		Area:	Northeast
Confidence:		Optimal		Original Cost:	250,000		Objective:	GRO: New
Project Description								
Construct a new splash pad water feature at Fernhill Park. Funded by System Development Charges.								
Total Expenditures	64,480	450,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			43,290	43,290	43,290	43,290	43,290	

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Kenton Park Playground				Total Project Cost:	968,947		Area:	North
	Confidence:	High		Original Cost:	968,947		Objective:	Replacement
Project Description								
Remove and replace outdated, inaccessible play structures, picnic tables, benches, a drinking fountain, and pavement adjacent to the restroom. Install an accessible path between the street, restroom and play area. Funded by 2014 general obligation bonds.								
Total Expenditures	86,018	900,000	700,000	0	0	0	0	700,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Lents Park Playground				Total Project Cost:	1,471,908		Area:	Southeast
	Confidence:	High		Original Cost:	1,483,962		Objective:	Replacement
Project Description								
Renovate or replace play equipment. Upgrade surface and substructures. Install accessible picnic tables, benches, and drinking fountain. Create an ADA accessible pathway to the playground from the ADA parking lot. Funded by 2014 general obligation bonds.								
Total Expenditures	808,306	590,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Lynchview Park Playground				Total Project Cost:	3,205,030		Area:	East
	Confidence:	High		Original Cost:	3,205,030		Objective:	Replacement
Project Description								
Add new a new playground to the park to accommodate a wide range of play for children of all ages at Lynchview Park. Intstall an ADA-compliant pathway that connects to a new ADA parking stall and the park entrances. Funded by 2014 general obligation bonds and System Development Charges.								
Total Expenditures	70,376	2,200,000	2,200,000	700,000	0	0	0	2,900,000
Net Operations and Maintenance Costs			0	9,000	9,000	9,000	9,000	
North Park Blocks Playground				Total Project Cost:	1,598,656		Area:	Central City
	Confidence:	High		Original Cost:	1,611,496		Objective:	Replacement
Project Description								
Remove and replace play equipment. Upgrade surface and sub structures. Create an accessible pathway from the SW and NE corners to the play area. Funded by 2014 general obligation bonds.								
Total Expenditures	224,952	1,350,000	1,000,000	300,000	0	0	0	1,300,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Reike Synthetic Turf				Total Project Cost:		2,173,057	Area:	Southwest
	Confidence:	High		Original Cost:		2,187,822	Objective:	Replacement
Project Description								
Renovate synthetic playing field at Mary Reike School. Funded by 2014 general obligation bonds.								
Total Expenditures	321,755	1,800,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Salmon Street Fountain Electrical Repair				Total Project Cost:		131,000	Area:	Central City
	Confidence:	Moderate		Original Cost:		131,000	Objective:	Maintenance & Repair
Project Description								
This project repairs the electrical system of the interactive fountain in Governor Tom McCall Waterfront Park. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	131,000	131,000	0	0	0	0	131,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Ventura Park Playground				Total Project Cost:		1,103,719	Area:	East
	Confidence:	High		Original Cost:		1,112,758	Objective:	Replacement
Project Description								
Remove and replace outdated, inaccessible play structures. Repair playground surface and substructures. Repair pavement buckled by tree roots including bench pads and bike rack pad. Remove four problematic trees and protect remaining trees and lighting. Funded by 2014 general obligation bonds.								
Total Expenditures	62,395	800,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Utilities, Roads & Trails								
Bridge Inventory & Assessment				Total Project Cost:		750,000	Area:	Citywide
	Confidence:	Moderate		Original Cost:		1,100,000	Objective:	Maintenance-Safety
Project Description								
Inventory, assess, and report on bridges in the entire park system and begin implementing improvements, with priority given to Springwater Corridor as well as pedestrian and vehicular bridges. Funded by General Fund Major Maintenance resources.								
Total Expenditures	101,955	300,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	

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Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Columbia Blvd Bridge @ Chimney Park				Total Project Cost:	200,000			Area: North
	Confidence:	Moderate			Original Cost:	200,000	Objective: GRO: New	
Project Description								
Construction of a grade-separated crossing over Columbia Boulevard at Chimney Park, part of the North Portland Greenway trail. System Development Charges fund the match on a grant from Metro, the lead agency on this project.								
Total Expenditures	0	190,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	33,000	33,000	33,000	
NEW - Foley-Balmer Natural Area Bridge								
			Total Project Cost:	750,000			Area: Southwest Maintenance & Repair	
	Confidence:	Moderate			Original Cost:	750,000	Objective:	
Project Description								
Replace the trail bridge. Funded by 2014 general obligation bonds.								
Total Expenditures	0	187,500	750,000	0	0	0	0	750,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Hillside Community Center DDC Replacement								
			Total Project Cost:	60,000			Area: Northwest Replacement	
	Confidence:	Moderate			Original Cost:	56,428	Objective:	
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	60,000	50,000	0	0	0	0	50,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Leif Erikson Culvert Repairs								
			Total Project Cost:	347,500			Area: Northwest Replacement	
	Confidence:	Moderate			Original Cost:	345,000	Objective:	
Project Description								
Replace failing culverts in partnership with the Bureau of Emergency Services. The bureau of Emergency Services will provide 50% match from Watershed Investment Fund. Parks' portion is funded by General Fund Major Maintenance resources.								
Total Expenditures	0	0	340,000	0	0	0	0	340,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Leif Erikson Culverts & MP 6.8 Roadbed Repairs				Total Project Cost:	247,500		Area:	Northwest
Confidence:	High			Original Cost:	247,500		Objective:	Maintenance & Repair
Project Description								
Repair the milepost 6.8 roadbed failure on Leif Erikson, a major artery of Forest Park that is needed for emergency vehicles. Funded with General Fund.								
Total Expenditures	0	575,000	240,000	0	0	0	0	240,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Lynchview Park Irrigation				Total Project Cost:	179,777		Area:	East
Confidence:	High			Original Cost:	179,777		Objective:	Replacement
Project Description								
Replace non-functioning irrigation system at Lynchview Park playground and sports fields with a new Maxicom (weather-based central irrigation control platform) that provides water-efficient, area-specific irrigation. Funded by 2014 general obligation bonds.								
Total Expenditures	2,565	177,000	175,000	0	0	0	0	175,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Maple Trail Bridge Replacment				Total Project Cost:	763,000		Area:	Northwest
Confidence:	High			Original Cost:	570,195		Objective:	Replacement
Project Description								
Replace bridge and bridge abutments on the Maple Trail in Forest Park. Funded by 2014 general obligation bonds.								
Total Expenditures	204,730	420,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Marine Drive Trail Gaps				Total Project Cost:	3,804,563		Area:	Northeast
Confidence:	Moderate			Original Cost:	3,804,563		Objective:	GRO: New
Project Description								
Complete several remaining gaps in the Marine Drive trail system which connects the I-205 bike route with Kelley Point Park. Grant match funding provided by System Development Charges. The project is funded by a grant PP&R gave to the Portland Bureau of Transportation (PBOT) to complete. The total project cost of \$3,804,563 reflects both the bureau's portion of costs in addition to the grant funding that is budgeted in PBOT's budget.								
Total Expenditures	45,750	145,000	130,000	0	0	0	0	130,000
Net Operations and Maintenance Costs			0	0	10,000	10,000	10,000	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Marshall Park Trail Bridge				Total Project Cost:	750,000		Area:	Southwest
	Confidence:	Moderate		Original Cost:	750,000		Objective:	Maintenance & Repair
Project Description								
Replace the trail bridge. Funded by 2014 general obligation bonds.								
Total Expenditures	0	187,500	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Scott Community Center DDC Replacement				Total Project Cost:	46,699		Area:	Southeast
	Confidence:	High		Original Cost:	46,699		Objective:	Replacement
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	14,588	23,000	30,000	0	0	0	0	30,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Mt Tabor Park South Access Trail/Bike Path				Total Project Cost:	550,000		Area:	Southeast
	Confidence:	Moderate		Original Cost:	500,000		Objective:	GRO: Expand
Project Description								
Develop access and circulation entryway on the south side of Mt Tabor. Funded by System Development Charges.								
Total Expenditures	32,251	517,000	400,000	0	0	0	0	400,000
Net Operations and Maintenance Costs			0	1,500	1,500	1,500	1,500	
Multnomah Art Center DDC Replacement				Total Project Cost:	35,754		Area:	Southwest
	Confidence:	High		Original Cost:	35,754		Objective:	Replacement
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	17,000	29,000	0	0	0	0	29,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Peninsula DDC Replacement				Total Project Cost:	23,641		Area:	Northeast
	Confidence:	High		Original Cost:	23,641		Objective:	Replacement
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	12,000	20,000	0	0	0	0	20,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Portland Children's Museum DDC Replacement				Total Project Cost:	140,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	136,094		Objective:	Replacement
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	829	140,000	260,000	0	0	0	0	260,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Red Electric Trail Match				Total Project Cost:	376,000		Area:	Southwest
Confidence:	High			Original Cost:	220,000		Objective:	GRO: New
Project Description								
This project builds the portion of the Red Electric Trail between SW 30th to SW Vermont. Parks System Development charges provide a grant match for this PBOT-built project. PBOT's portion is funded with \$1,927,717 in grant funding.								
Total Expenditures	20,045	344,000	300,000	0	0	0	0	300,000
Net Operations and Maintenance Costs			3,960	3,960	3,960	3,960	3,960	
Riverplace Sidewalk Renovation				Total Project Cost:	250,000		Area:	Central City
Confidence:	High			Original Cost:	250,000		Objective:	Maintenance & Repair
Project Description								
Repair the Riverplace Esplanade where it is sinking and creating trip hazards at retail shop entries. Funded with General Fund.								
Total Expenditures	1,013	50,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Springwater Bridge #140				Total Project Cost:	750,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	750,000		Objective:	Maintenance & Repair
Project Description								
Replace the trail bridge. Funded by 2014 general obligation bonds.								
Total Expenditures	0	187,500	750,000	0	0	0	0	750,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Portland Parks & Recreation

Project Detail

Capital Improvement Plan Summaries

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Springwater Corridor Bridges				Total Project Cost:	2,348,830		Area:	Southeast
Confidence:	High			Original Cost:	2,348,830		Objective:	Replacement
Project Description								
Repair bridge and stabilize trail. Springwater Corridor trail has six remaining trestle bridges that are 70 to 100 years old. These bridges' support structures are original and in need of replacement. Funded by 2014 general obligation bonds.								
Total Expenditures	0	2,250,000	1,500,000	500,000	0	0	0	2,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Springwater Trail SE Umatilla to 13th				Total Project Cost:	1,500,000		Area:	Southeast
Confidence:	Moderate			Original Cost:	1,270,009		Objective:	GRO: Expand
Project Description								
Build Springwater trail gap from SE Umatilla to 13th. This is a combination rail-with-trail project. Funded by a Federal Grant through ODOT and System Development Charges.								
Total Expenditures	280,169	324,000	1,200,000	0	0	0	0	1,200,000
Net Operations and Maintenance Costs			7,235	7,235	7,235	7,235	7,235	
Washington Park Sewer Replacement				Total Project Cost:	1,060,000		Area:	Northwest
Confidence:	Moderate			Original Cost:	1,497,600		Objective:	Replacement
Project Description								
Reline the 50+-year old, 10,000+ feet of sanitary and stormwater pipe in Washington Park to extend its life and prevent continued sewage spills, backed-up restroom facilities, and contamination issues. Funded by General Fund. Additional funding will be needed to complete this project at the current estimated scope.								
Total Expenditures	0	110,000	800,000	260,000	0	0	0	1,060,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Whitaker Ponds Access Improvements				Total Project Cost:	1,900,000		Area:	Northeast
Confidence:	Moderate			Original Cost:	1,268,655		Objective:	GRO: Expand
Project Description								
Develop access and circulation entryway, as recommended in the 2012 conceptual plan. Funded by a Metro grant and match funding from System Development Charges.								
Total Expenditures	434,484	1,500,000	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			13,400	13,400	13,400	13,400	13,400	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Willamette Park Pathways				Total Project Cost:	722,000		Area:	Central City
Confidence:		High		Original Cost:	722,000		Objective:	Expansion
Project Description								
Trail circulation improvements per the Redevelopment Plan. Funded by revenue from the sale of property to the Water Bureau for the new Fulton Pump Station, with funding support from System Development Charges.								
Total Expenditures	643,162	400,000	100,000	0	0	0	0	100,000
Net Operations and Maintenance Costs			45,800	45,800	45,800	45,800	45,800	
Wilson Pool DDC Replacement				Total Project Cost:	21,161		Area:	Southwest
Confidence:		High		Original Cost:	21,161		Objective:	Replacement
Project Description								
Replace existing climate control system with an automated Direct Digital Control system. Funded by General Fund Major Maintenance resources.								
Total Expenditures	0	10,000	16,000	0	0	0	0	16,000
Net Operations and Maintenance Costs			0	0	0	0	0	



Portland Bureau of Transportation

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Asset Management								
122nd Ave: Johnson Creek Br Repl, SE				Total Project Cost:	3,707,557		Area:	Southeast
Confidence:	Low			Original Cost:	2,800,000		Objective:	Replacement
Project Description								
During the storm on December 6th, 2015, a large debris pile blocked the channel flow under this older bridge re-routing the flow into the side channel around the blockage. When a post storm inspection was carried out it was determined that almost 200 yards of bank material had been scoured away, leaving toppled footings and eroded support on four of the eight of the bridge bents. The bridge was determined to be beyond repair and closed to all traffic. The scope of the project is to replace the existing multi-span timber bridge with a new single span bridge and re-open the route to motorized traffic. The bridge is scheduled to be replaced by the end of 2019. The project funding is made up of Federal Highway Bridge Program funds and a local match provided by General Transportation Revenue.								
Total Expenditures	361,454	550,000	3,163,554	0	0	0	0	3,163,554
Net Operations and Maintenance Costs			0	0	0	0	0	
136th Ave: Foster-Division, SE								
				Total Project Cost:	6,510,000		Area:	Southeast
Confidence:	Low			Original Cost:	6,510,000		Objective:	Replacement
Project Description								
This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2019. Funded through the Fixing Our Streets Program, this project will combine System Development Charges (SDCs) to help fund sidewalk improvements on the West side of 136th.								
Total Expenditures	0	0	2,514,694	3,795,306	0	0	0	6,310,000
Net Operations and Maintenance Costs			0	0	0	0	0	
42nd Ave & Wisteria Dr, NE								
				Total Project Cost:	740,000		Area:	Northeast
Confidence:	Low			Original Cost:	740,000		Objective:	Replacement
Project Description								
This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets revenues. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2018. The project is funded through the Fixing Our Streets revenues.								
Total Expenditures	22,908	219,000	610,000	0	0	0	0	610,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - 42nd Ave: Kilingsworth - Columbia, NE			Total Project Cost:		\$17,000,000		Area:	Northeast
Confidence:			Low		Original Cost:		13,270,822	
							Objective:	
							Replacement	

Project Description

Portland Bureau of Transportation (PBOT) Bridge #075, NE 42nd Ave over NE Portland Highway & UPRR Tracks, was originally built in 1938, during the Great Depression. The expected service life of a bridge at that time was only 50 years, leaving the bridge serving the travelling public well beyond what was anticipated. The bridge is in need of both Phase I & Phase II seismic retrofits and is classified in the most seismically vulnerable category by PBOT and is not expected to perform well during a design level earthquake. The bridge is located on a Transit Route and in a Freight District and limits 13% of over-height regional moves due to its limited vertical clearance. The bridge is considered Substandard for bicycle use, but the route it carries is classified as a City Bikeway and a vital link to 37% of the city's industrial land and home to 24,000 jobs. This project calls for a complete replacement of the existing bridge to meet modern safety and earthquake standards. The new bridge would be wider for bicyclist safety, carry current freight loads, and result in more vertical clearance for freight loads below on the NE Portland Highway. The project will be funded by a General Fund apportionment and SDCs.

Total Expenditures	0	0	3,131,218	7,868,782	6,000,000	0	0	17,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - 45th Drive Landslide Abatement, SW			Total Project Cost:		291,100		Area:	Southwest
Confidence:			Low		Original Cost:		291,100	
							Objective:	
							Maintenance-Preservation	

Project Description

Heavy rains and saturated soil in February of 2017 caused a shallow landslide at this location. New infrastructure is required to mitigate the resulting slope instability. This project will construct a new retaining wall to mitigate the landslide risk. This project is funded by General Transportation Revenue.

Total Expenditures	20,178	0	205,922	0	0	0	0	205,922
Net Operations and Maintenance Costs			0	0	0	0	0	

4th Ave: Lincoln-Burnside, SW			Total Project Cost:		3,423,000		Area:	Southwest
Confidence:			Low		Original Cost:		3,423,000	
							Objective:	
							Maintenance & Repair	

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2019. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	0	0	1,711,228	1,361,772	0	0	0	3,073,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
50th Ave: Division-Hawthorne, SE				Total Project Cost:		1,450,000		Area: Southeast
Confidence:	Low			Original Cost:		1,565,000		Objective: Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2017. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	157,935	670,000	490,000	0	0	0	0	490,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Alberta St: 15th-30th, NE				Total Project Cost:		1,720,000		Area: Northeast
Confidence:	Low			Original Cost:		1,720,000		Objective: Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2019. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	0	0	391,980	1,328,020	0	0	0	1,720,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Bridges/Overpasses				Total Project Cost:		3,593,363		Area: Citywide
Confidence:	Low			Original Cost:		1,677,659		Objective: Replacement

Project Description

This project is a continuing program to replace or rehabilitate some of the City's poor condition and weight restricted bridges, which currently prohibits the movement of freight and transit within the City. Past projects included N Lombard Road over Columbia Slough (BR-105), completed in 2012; NE 21st Avenue over Columbia Slough (BR-08), completed in 2012; NW Thurman Bridge over Balch Creek (BR-15), completed in 2014; and N Willamette Boulevard Viaduct (BR-007) completed in 2016. Future projects include matching funds for the SE 122nd Avenue: Johnson Creek Bridge Replacement (BR-099). This project is funded by General Transportation Revenue.

Total Expenditures	0	5,518,551	0	124,724	124,724	124,724	124,724	498,896
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Capitol Hwy: Multnomah-Texas, SW				Total Project Cost:	1,700,000		Area:	Southwest
Confidence:	Low			Original Cost:	1,700,000		Objective:	Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2018. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	15,485	350,000	1,463,000	0	0	0	0	1,463,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - College St Landslide Abatement, SW				Total Project Cost:	447,100		Area:	Southwest
Confidence:	Low			Original Cost:	447,100		Objective:	Maintenance-Preservation

Project Description

Heavy rains and saturated soil in February of 2017 caused a partial retaining wall collapse at this limited access location. The existing hand stacked rockery wall appears to be at the end of its useful service life and is in need of replacement. This project will construct a new retaining wall to support the street and mitigate continued failure of the existing wall. This project is funded by General Transportation Revenue.

Total Expenditures	16,604	0	355,496	0	0	0	0	355,496
Net Operations and Maintenance Costs			0	0	0	0	0	

Columbia Blvd: Interstate PI-Kerby, N				Total Project Cost:	2,100,000		Area:	North
Confidence:	Low			Original Cost:	2,100,000		Objective:	Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through the Heavy Vehicle Use Tax. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2017. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	144,043	150,000	1,045,000	0	0	0	0	1,045,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Denver Ave: Lombard-Watts, N				Total Project Cost:		938,000		Area: North
	Confidence:	Low		Original Cost:		938,000		Maintenance & Repair

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2018. The project is funded through the Fixing Our Streets revenues.

Total Expenditures	22,785	435,000	545,000	0	0	0	0	545,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Going St: Interstate Blvd - I-5 Ramp, N				Total Project Cost:		600,000		Area: North
	Confidence:	Low		Original Cost:		600,000		Maintenance-Preservation

Project Description

This section of Going Street has pavement that is in very poor condition due to a high use of heavy vehicles coming off of Interstate 5. The project will rehabilitate the pavement and bring all corners up to ADA compliance as required by law. The project is 100% funded by the Heavy Vehicle Use Tax.

Total Expenditures	6,768	0	355,232	0	0	0	0	355,232
Net Operations and Maintenance Costs			0	0	0	0	0	

Guardrail Replacement				Total Project Cost:		688,000		Area: Citywide
	Confidence:	Low		Original Cost:		688,000		Maintenance-Safety

Project Description

This project will install guardrail and upgrade or replace at least 15 deficient guardrail sites on truck crash corridors. This project is funded by the Heavy Vehicle Use Tax.

Total Expenditures	0	0	344,000	0	0	0	0	344,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Lighting Efficiency Program, CW				Total Project Cost:	23,500,000		Area:	Citywide
	Confidence:	Moderate		Original Cost:	17,500,000		Objective:	Replacement

Project Description

This project consists of two phases for retrofit outdoor lighting in the City with energy efficient Light Emitting Diode (LED) technology. Funding for the first phase project was approved by City Council in December 2012; implementation began in August 2014 and should be completed by August 2017. Funding for the second phase was approved by City Council in October 2016. The second phase includes the conversion of the City's ornamental street lights. The retrofit of the street lighting will reduce the energy consumption by more than 50%, resulting in a net cost savings to the City over the life of the project. Funding for the project is through general obligation bonds backed by General Fund transfers that are currently made to Portland Bureau of Transportation (PBOT).

Total Expenditures	14,359,646	3,624,506	5,000,000	0	0	0	0	5,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Lombard St: N Ramsey to 2,500i north, N				Total Project Cost:	1,000,000		Area:	North
	Confidence:	Low		Original Cost:	1,000,000		Objective:	Maintenance-Preservation

Project Description

Lombard Street is a high capacity freight route where heavy loads quicken the deterioration of the pavement surface. Lombard requires pavement rehabilitation to extend the life of the roadway and continue to provide a high level of service. The project is funded 100% by the Heavy Vehicle Use Tax.

Total Expenditures	10,724	0	661,700	0	0	0	0	661,700
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Marine Dr: Kelly Pt Park to Leadbetter, N				Total Project Cost:	1,500,000		Area:	North
	Confidence:	Low		Original Cost:	1,500,000		Objective:	Maintenance-Preservation

Project Description

Marine Drive is a high capacity freight route where the heavy loads have taken a toll on the pavement. The project requires rehabilitation of the roadway surface in order to extend the life and maintain a high level of service. The project is funded 100% by the Heavy Vehicle Use Tax

Total Expenditures	13,294	0	1,000,000	0	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - MLK: Tillamook to Columbia, NE				Total Project Cost:	800,000			Area: Northeast
Confidence:		Low		Original Cost:	800,000			Objective: Replacement

Project Description

The project will update traffic signal controllers, retime the corridor to improve travel times, improve pedestrian walk and flashing no-walk times, add system detectors to monitor arterial times, add travel time devices along the corridor, improve travel times, and add CCTV at different locations along the corridor. The project is funded by Fixing Our Streets revenues.

Total Expenditures	0	0	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Naito Pkwy: Harrison-Jefferson, SW				Total Project Cost:	6,945,444			Area: Southwest
Confidence:		Low		Original Cost:	3,315,154			Objective: Replacement

Project Description

This project is roadway surfacing rehabilitation work funded through the Fixing Our Streets Program. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Naito Parkway will be combined with SW 1st/Main and requires roadway reconstruction due to the poor quality of roadway. Construction is planned for Summer 2017. Funded through the Fixing Our Streets Program, this project also received additional funding to install a pedestrian signal midblock between Market and Clay.

Total Expenditures	120,067	1,429,777	6,195,444	0	0	0	0	6,195,444
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Regional Signal System CONOPS & Implementation				Total Project Cost:	1,200,000			Area: Citywide
Confidence:		Low		Original Cost:	1,200,000			Objective: Replacement

Project Description

The proposed project will construct and implement Infrastructure Technology Services (ITS) infrastructure along N/NE Columbia Boulevard. The project will install equipment and integrate these devices with the City's, ODOT's, and Tri-Met's Transportation Operations Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS), and provides the minimum project elements that will yield significant benefits in the corridor. The proposed project will improve the City's ability to monitor and control traffic. An exploration of emerging data from the private sector will be considered to determine whether there are new techniques that can be used to deliver priority at traffic signals. It will also improve control and monitoring of heavy freight. This project is funded by a federal grant and General Transportation Revenue.

Total Expenditures	0	200,000	980,000	0	0	0	0	980,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Signal Communication System, CW				Total Project Cost:		300,000		Area: Citywide
	Confidence:	Moderate		Original Cost:		600,000		Objective: Replacement

Project Description

This is a continuing program to install cable or add wireless routers to connect individual traffic signals to the central control computer. Central control allows improvements for traffic signal timing and monitoring of malfunctioning signals to speed necessary repairs, which improves traffic flow and safety, and reduces air pollution and fuel consumption. This work complements ODOT's freeway management system work. The project is funded by General Transportation Revenue.

Total Expenditures	0	50,000	50,000	50,000	50,000	50,000	50,000	250,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Signal Reconstruction, CW				Total Project Cost:		11,951,854		Area: Citywide
	Confidence:	Moderate		Original Cost:		3,420,000		Objective: Replacement

Project Description

The project is a continuing program to replace aging traffic signal infrastructure that subjects the City to liability or unsafe operations. The annual gap in capital repair, rehabilitation, replacement of aging traffic signal assets is \$18.4 million. The project is funded by General Transportation Revenue. The FY 18-19 Request Budget includes Build Portland funding and General Fund One-Time for the below projects:

- Traffic Signal Recon Program
- Halsey Corridor Traffic Signal Repl
- Traffic Signal Upgrade - Economic Dev

Total Expenditures	0	1,770,144	7,053,809	349,609	349,609	349,609	349,609	8,452,245
Net Operations and Maintenance Costs			0	0	0	0	0	

Street Light Replacement, CW				Total Project Cost:		5,977,654		Area: Citywide
	Confidence:	Moderate		Original Cost:		838,827		Objective: Replacement

Project Description

This project is a continuing program to replace failing street light infrastructure throughout the city. Street lighting replacement reduces both the City's energy costs and its carbon footprint. The annual gap in capital repair, rehabilitation, replacement of aging street lights is \$4.1 million. Funding is provided by General Transportation Revenue. The FY 18-19 Request Budget includes General Fund requests for the below projects:

- Street Lighting Service Upgrade
- LED St Light: Underground Circuitry
- Street Lighting Safety & Efficiency

Total Expenditures	0	229,609	479,609	229,609	229,609	229,609	229,609	1,398,045
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Sunderland Rd Bridge Replacement, N				Total Project Cost:		890,000		Area: North
Confidence:	Low			Original Cost:		890,000		Objective: Replacement

Project Description

PBOT bridge BR-094, which carries NE Sunderland Road over a drainage ditch near NE 33rd Avenue, exhibits serious scour issues. Additionally, the bridge is relatively narrow and does not currently include sidewalks on either side. This project will remove the entire bridge and foundations and provide a new bridge supported on piles to eliminate the scour issue. Sidewalks are proposed for both sides of the bridge to increase user safety. The bridge is scheduled to be replaced by the end of 2019. This project is funded by one-time General Fund resources.

Total Expenditures	11,515	334,162	304,880	563,605	0	0	0	868,485
Net Operations and Maintenance Costs			0	0	0	0	0	

Taylor's Ferry Rd. Rockslide Abatement, SW				Total Project Cost:		600,000		Area: Southwest
Confidence:	Low			Original Cost:		600,000		Objective: Replacement

Project Description

In 2002, large boulders were spilling out of a rock slope outcrop west of the Fulton Park Blvd intersection along Taylor's Ferry Rd, presenting a potential safety hazard to drivers. Concrete barriers were placed in the roadway to contain the spill, and this effectively reduced this two lane section of west bound Taylor's Ferry Rd to a one lane section. These barriers are still in place today as boulders have continued to fall. The solution is an engineered rock containment system at the project site with a goal to re-open the closed inside lane to traffic, if possible. This project is funded by one-time General Fund resources.

Total Expenditures	28,418	571,582	521,582	0	0	0	0	521,582
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Thurman Bridge Painting, NW				Total Project Cost:		500,000		Area: Northwest
Confidence:	Low			Original Cost:		500,000		Objective: Replacement

Project Description

The Balch Gulch Bridge (Thurman Bridge) stands at over 100 years old as the only one of its kind remaining in the region. This pin-connected steel deck truss has not been painted since the 1940s and is due for a new paint job. The new coating of paint will provide the corrosion protection necessary to extend the service life of the historic treasure for decades to come. This project will replace or rehabilitate the paint system, the steel truss bridge elements, and rehabilitate deteriorated structural members as required. The project is only funded through design at this point. The project funding is made up of Federal Highway Bridge Program funds and a local match provided by General Transportation Revenue.

Total Expenditures	0	0	500,000	0	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Thurman St Landslide Abatement, NW			Total Project Cost:		571,500		Area:	Northwest
Confidence:			Low		Original Cost:		571,500	
Objective:							Maintenance-Preservation	
Project Description								
Heavy rains and saturated soil in February of 2017 caused a deep-seated landslide at this location. A moderate repair is required to mitigate the resulting slope instability. This project will construct a new retaining wall to reduce the landslide risk to the right of way. This project is funded by General Transportation Revenue.								
Total Expenditures	0	0	471,500	0	0	0	0	471,500
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Upper Hall St Landslide Abatement, SW								
			Total Project Cost:		426,700		Area:	Southwest
Confidence:			Low		Original Cost:		426,700	
Objective:							Maintenance-Preservation	
Project Description								
Heavy rains and saturated soil in February of 2017 caused a shallow landslide at this location. New infrastructure is required to mitigate the resulting slope instability. This project will construct a new retaining wall to mitigate the landslide risk. This project is funded by General Transportation Revenue.								
Total Expenditures	14,305	0	337,395	0	0	0	0	337,395
Net Operations and Maintenance Costs			0	0	0	0	0	
Vermont St: Capitol-Oleson, SW								
			Total Project Cost:		3,150,000		Area:	Southwest
Confidence:			Low		Original Cost:		3,150,000	
Objective:							Replacement	
Project Description								
This project is roadway surfacing rehabilitation. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2017. The project is funded through the Fixing Our Streets revenues.								
Total Expenditures	288,998	684,000	2,190,000	0	0	0	0	2,190,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Williams Ave: Stanton-Cook, N				Total Project Cost:	620,000		Area:	North
Confidence:	Low			Original Cost:	620,000		Objective:	Replacement

Project Description

This project is a roadway surfacing rehabilitation. Projects in this program are selected for rehabilitation through the City's Pavement Management System (PMS). The goal of the PMS is to maintain the pavement surface in fair or better condition to avoid more expensive reconstruction. Work typically includes grinding, paving, and corner sidewalk ramp construction to meet ADA standards. Construction is planned for Summer 2018. This project is funded through the Fixing Our Streets revenues.

Total Expenditures	0	245,000	480,000	0	0	0	0	480,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Economic Vitality

10th and Yamhill Parking Garage				Total Project Cost:	24,929,500		Area:	Southwest
Confidence:	Low			Original Cost:	22,424,872		Objective:	Replacement

Project Description

As part of the City's SmartPark Garage System, the 10th & Yamhill Garage lends vital support to the downtown retail core. The building has seven stories with 27,000 square feet of leasable retail space at or near the ground level and 799 parking spaces on floors two through seven. Since 2004, a series of reports have been developed outlining the condition of the building and needed improvements. In 2016, PBOT hired FFA Architecture and Interiors, Inc. to complete the design for improvements to address deferred building maintenance and improve the retail space as identified in the 2014 study. The project is funded by tax increment financing from Prosper Portland and parking garage revenues.

Total Expenditures	1,088,684	10,051,091	13,258,416	1,684,816	0	0	0	14,943,232
Net Operations and Maintenance Costs			0	0	0	0	0	

47th Ave: Columbia-Cornfoot, NE				Total Project Cost:	7,722,890		Area:	Northeast
Confidence:	Low			Original Cost:	4,597,044		Objective:	Efficiency

Project Description

This project will fully reconstruct the freight street in concrete from north of Columbia Blvd. to south of Cornfoot Rd. A century-old cast iron water main will be replaced and a new sanitary sewer will be extended while adding pedestrian and bicycle facilities on both sides in conjunction with Parks' Whitaker Ponds project. This project is funded by System Development Charges (SDCs), Local Improvement District (LID), Bureau of Environmental Services (BES) and Portland Water Bureau.

Total Expenditures	510,047	1,240,147	4,178,867	0	0	0	0	4,178,867
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total

Bond Ave: Gibbs - Porter, SW				Total Project Cost:	10,000,000		Area:	Southwest
	Confidence:	Low		Original Cost:	9,000,000		Objective:	Efficiency

Project Description

This project will design and construct a new north-south roadway in South Waterfront from S Porter St (Tilikum Crossing west approach) to S Whitaker St. The project continues the build out of district-critical street infrastructure while improving access and circulation for Zidell and OHSU properties. The project is likely to be delivered by ZRZ Realty through a credit agreement. The project is funded by citywide and North Macadam TSDCs and the North Macadam Urban Renewal Area administered by Prosper Portland.

Total Expenditures	0	310,442	2,362,631	3,000,000	2,637,369	0	0	8,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Bond: Gibbs-River Pkwy, SW				Total Project Cost:	9,702,198		Area:	Southwest
	Confidence:	Low		Original Cost:	9,700,000		Objective:	Efficiency

Project Description

This project is designing and constructing a new north-south roadway in South Waterfront from S River Pkwy (under Marquam Bridge) to S Porter St (Tilikum Crossing west approach). The project continues the build out of district-critical street infrastructure while improving access and circulation for the OHSU Schnitzer Campus. Construction began in May 2017. The project is funded by citywide and North Macadam TSDCs and the North Macadam Urban Renewal Area administered by Prosper Portland.

Total Expenditures	2,122,198	5,886,516	2,833,813	0	0	0	0	2,833,813
Net Operations and Maintenance Costs			0	0	0	0	0	

Columbia Blvd ITS, N/NE				Total Project Cost:	563,357		Area:	Northeast/ Southeast
	Confidence:	Low		Original Cost:	390,059		Objective:	Efficiency

Project Description

The proposed project will construct and implement Infrastructure Technology Services (ITS) infrastructure along N/NE Columbia Boulevard. The project will install equipment and integrate these devices with the City's, ODOT's, and Tri-Met's Transportation Operations Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS), and provides the minimum project elements that will yield significant benefits in the corridor. The proposed project will improve the City's ability to monitor and control traffic. An exploration of emerging data from the private sector will be considered to determine whether there are new techniques that can be used to deliver priority at traffic signals. It will also improve control and monitoring of heavy freight. This project is funded by a federal grant and General Transportation Revenue.

Total Expenditures	1,130	557,227	557,227	0	0	0	0	557,227
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Columbia Blvd/MLK Blvd, N				Total Project Cost:		3,249,282		Area: Northeast
	Confidence:	Low		Original Cost:		2,486,234		Objective: Efficiency

Project Description

This project was identified in the 2006 Freight Master Plan as a Tier One project. It includes construction of a right turn lane from NE Columbia Blvd to NE Martin Luther King Jr. Blvd and installation of a new traffic signal. The project is currently in the right-of-way acquisition process, with construction expected to begin in spring 2016. Funding is primarily federal grants and SDCs.

Total Expenditures	1,319,562	1,073,002	222,954	0	0	0	0	222,954
Net Operations and Maintenance Costs			0	0	0	0	0	

Columbia Blvd: Cully Blvd & Alderwood Rd, NE				Total Project Cost:		5,050,654		Area: Northeast
	Confidence:	Low		Original Cost:		5,527,760		Objective: Efficiency

Project Description

This project will construct a traffic signal at the intersection of NE Alderwood Rd and NE Columbia Blvd. The project will also include evaluation and preliminary design of a paired traffic signal at NE Cully Blvd. The project is a joint project with the Port of Portland. Construction is scheduled for 2018. This project is funded through the ODOT Enhance program.

Total Expenditures	1,006	830,654	4,127,932	0	0	0	0	4,127,932
Net Operations and Maintenance Costs			0	0	0	0	0	

Going to the Island Freight Improvements, N				Total Project Cost:		557,250		Area: North
	Confidence:	Low		Original Cost:		557,250		Objective: Efficiency

Project Description

The proposed project will construct and install Infrastructure Technology Services (ITS) infrastructure (communication network, new traffic controllers, CCTV cameras, travel time monitoring devices, and vehicle/pedestrian detectors). The project will provide for support of advanced control strategies such as transit signal priority and freight. This project is funded by a federal grant with General Transportation Revenue match.

Total Expenditures	0	111,450	445,800	0	0	0	0	445,800
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - I-5 Rose Quarter Improvements Project				Total Project Cost:		339,284		Area: Northeast
	Confidence:	Low		Original Cost:		339,284		Objective: Efficiency

Project Description

This is an ODOT project to widen the I-5 freeway in the Rose Quarter area to add auxiliary lanes and shoulders to improve safety. The City of Portland is a project partner. The widening of I-5 requires removal of the existing roadway bridges: Broadway, Weidler, Flint, and Wheeler. These connections provide local access and circulation as well as connections to/from I-5. They will be reconstructed as highway caps (lids) as opposed to stand alone bridges. The project is in early planning stage with environmental analysis slated to complete in late 2018. Upon completion of the environmental analysis ODOT will begin to develop engineering plans. Project will be funded by a grant from ODOT.

Total Expenditures	0	0	339,284	0	0	0	0	339,284
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Lombard Streetscape: Drummond-Albina, N				Total Project Cost:	1,000,000		Area:	North
Confidence:		Low		Original Cost:	1,996,386		Objective:	Growth
Project Description								
This project will provide pedestrian-scale street lighting, landscaping, stormwater improvements, safety bollards, public art, and limited sidewalk repair along N Lombard Street at key node locations, including at the intersections with N Greeley Avenue and N Albina Avenue. The scope is scalable. N Lombard Street is an ODOT facility, but sidewalk area improvements are managed by PBOT. The project would be funded entirely by Prosper Portland's Interstate Corridor Urban Renewal Area, with design and construction taking place in FY 2018-19.								
Total Expenditures	0	603,386	178,007	733,048	0	0	0	911,055
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Lowell St: Macadam-Moody, S								
				Total Project Cost:	5,932,778		Area:	Southwest
Confidence:		Low		Original Cost:	5,932,778		Objective:	Efficiency
Project Description								
This project will acquire right-of-way and construct a new street between Macadam and Moody Avenue to improve circulation and access in the South Portal area of South Waterfront. The project is funded by SDCs.								
Total Expenditures	0	0	3,829,188	2,103,590	0	0	0	5,932,778
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Macadam/Bancroft LID, S								
				Total Project Cost:	2,362,419		Area:	Southwest
Confidence:		Low		Original Cost:	2,362,419		Objective:	Efficiency
Project Description								
This project will rebuild the Macadam/Bancroft traffic signal, adjust signal phasing and make necessary supportive civil and striping improvements to reduce congestion in the South Portal area of South Waterfront. The project will be funded by a Local Improvement District.								
Total Expenditures	0	0	2,362,419	0	0	0	0	2,362,419
Net Operations and Maintenance Costs			0	0	0	0	0	
Parking Machines								
				Total Project Cost:	405,150		Area:	Citywide
Confidence:		Low		Original Cost:	5,100,000		Objective:	Expansion
Project Description								
This project will fund purchase and install paystations in existing meter districts. The project will be funded with parking meter revenues.								
Total Expenditures	0	900,000	405,150	0	0	0	0	405,150
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
South Rivergate Freight Project, N				Total Project Cost:		18,659,182		Area: North
Confidence:	Low			Original Cost:		11,916,743		Objective: Efficiency

Project Description

This project will improve the intersection on N Lombard and N Rivergate Blvd to facilitate freight movement to the Rivergate Industrial District and grade separate N. Rivergate Blvd from the Union Pacific Rail line. Design will begin in 2017, with construction scheduled for 2018. The project is funded through Regional Flexible Funds, Port of Portland, SDCs, and a Federal TIGER Grant.

Total Expenditures	109,169	959,182	969,132	3,700,000	12,190,050	0	0	16,859,182
Net Operations and Maintenance Costs			0	0	0	0	0	

St. Johns Truck Strategy, Ph. II, N				Total Project Cost:		3,345,990		Area: North
Confidence:	Low			Original Cost:		3,346,126		Objective: Efficiency

Project Description

This project implements a phase of the St Johns Truck Strategy, adopted by Council in 2001, which will improve freight mobility on N Columbia Way and N Lombard, and provide traffic calming improvements on N Fessenden and N St. Louis. Design begin in 2017 with construction schedule for 2018. The project is funded through Regional Flexible Funds with General Transportation Revenue match.

Total Expenditures	283,216	1,219,806	2,562,700	0	0	0	0	2,562,700
Net Operations and Maintenance Costs			0	0	0	0	0	

SW Corridor Transit Project				Total Project Cost:		2,127,473		Area: Southwest
Confidence:	Low			Original Cost:		700,000		Objective: Growth

Project Description

The Southwest Corridor Light Rail Project is currently undergoing environmental analyses to assess the effect that the addition of light rail transit would have on various alignments to connect the Portland Central City, Southwest Portland, Tigard, and Tualatin. A Draft Environmental Impact Statement (DEIS) summarizing this work will be complete in late Spring 2018. The project Steering Committee will identify a Locally Preferred Alternative (LPA) in June with local jurisdiction adoption actions during summer 2018. TriMet will initiate engineering in 2018-19 and it is anticipated that an IGA will be executed with TriMet for funding City staff activities. Currently it is believed that a regional bond effort will be undertaken in 2020 for part of the local match funding. Bureau directors have been meeting to create a proposed funding strategy for the City's local match. It's anticipated that approval by Council of match sources and a financing IGA with TriMet would occur in 2018-19 or early 2019-20. Project construction would be 2023-2027 with revenue service starting late 2027.

Total Expenditures	1,042,605	1,928,800	886,664	0	0	0	0	886,664
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan					
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total	
Health & Livability									
20th Ave: Raleigh-Upshur LID, NW			Total Project Cost:		7,065,458	Area:		Northwest	
Confidence:	Low		Original Cost:		7,086,368	Objective:		Efficiency	
Project Description									
This project will construct a new street connection in from NW Raleigh St. to NW Upshur St. underneath the US-30 ramp, including sidewalks and bike lanes. It will also reconfigure the NW 23rd & Vaughn / US-30 ramp intersection, including a replacement traffic signal and restoring pedestrian connections to the missing east leg of the intersection. This work is in conjunction with the Con-way Master Plan and planned XPO redevelopment with LID funding.									
Total Expenditures	513,910	5,941,157	5,716,203	0	0	0	0	5,716,203	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - 27th & Holland LID, NE									
				Total Project Cost:		659,172	Area:		Northeast
Confidence:	Low		Original Cost:		659,172	Objective:		Replacement	
Project Description									
This project will upgrade an existing paved street and pave a portion of an unpaved street, adding curbs and sidewalks to facilitate new industrial development of a waste transfer station in partnership with Oregon DEQ and the private sector, while enabling the creation of living-wage jobs. This project is funded by an LID.									
Total Expenditures	21,369	0	199,668	320,985	0	0	0	520,653	
Net Operations and Maintenance Costs			0	0	0	0	0		
NEW - 47th Avenue Phase I LID, SW									
				Total Project Cost:		643,127	Area:		Southwest
Confidence:	Low		Original Cost:		643,127	Objective:		Replacement	
Project Description									
This project will improve an unpaved street, adding a new stormwater sewer and sidewalks on both sides of the street to serve adjacent multifamily residential. This project is funded by a Local Improvement District program (LID).									
Total Expenditures	28,442	0	433,623	0	0	0	0	433,623	
Net Operations and Maintenance Costs			0	0	0	0	0		
Bike Parking, CW									
				Total Project Cost:		420,000	Area:		Citywide
Confidence:	Low		Original Cost:		308,000	Objective:		Expansion	
Project Description									
The need for bike parking has been identified in the Portland Bicycle Plan for 2030. This project will provide ongoing additional bicycle parking capacity and associated improvements in the right-of-way. The project is funded by the Bicycle Parking Fund (development fees).									
Total Expenditures	0	70,000	70,000	70,000	70,000	70,000	70,000	350,000	
Net Operations and Maintenance Costs			0	0	0	0	0		

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Burlington & Edison LID, N.				Total Project Cost:	1,500,611		Area:	North
Confidence:	Low			Original Cost:	1,500,611		Objective:	Replacement

Project Description

This project will reconstruct unsafe sidewalks on N. Burlington Avenue and will fully reconstruct N. Edison St. with a new south sidewalk, enabling a full pedestrian connection to N. Richmond Ave., while correcting drainage and erosion problems adversely affecting private properties and the John Community Garden. This project is funded by a LID.

Total Expenditures	26,649	0	404,828	952,559	0	0	0	1,357,387
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Cully Neighborhood St Improvements, NE				Total Project Cost:	3,000,000		Area:	Northeast
Confidence:	Low			Original Cost:	3,000,000		Objective:	Efficiency

Project Description

If the Neighborhood Streets Program is approved at City Council, Local Transportation Infrastructure Charges (LTIC) will be expended in the Cully Neighborhood Street Plan. Project selection will be based on the allocation methodology identified in the City Council documents: Equity, Effectiveness (connectivity), and project readiness.

Total Expenditures	0	0	500,000	925,000	0	0	0	1,425,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Division/Midway Street Improvements, SE				Total Project Cost:	3,500,000		Area:	Southeast
Confidence:	Low			Original Cost:	3,500,000		Objective:	Efficiency

Project Description

If the Neighborhood Streets Program is approved at City Council, Local Transportation Infrastructure Charges (LTIC) will be expended in the Division/Midway Neighborhood Street Plan. Project selection will be based on the allocation methodology identified in the City Council documents: Equity, Effectiveness (connectivity), and project readiness.

Total Expenditures	0	0	212,500	550,000	987,500	0	0	1,750,000
Net Operations and Maintenance Costs			0	0	0	0	0	

East Portland Access Transit				Total Project Cost:	4,672,480		Area:	East
Confidence:	Low			Original Cost:	4,472,000		Objective:	Replacement

Project Description

This project combines pedestrian improvements on outer SE Division to assist with accessing transit with bikeway crossing improvements on the 130's Neighborhood Greenway. Project elements include sidewalk infill and crossing improvements on the route of the 130's Neighborhood Greenway. The overall goal of the project is to make accessing transit stops in east Portland safer and easier for both pedestrians and cyclists. Construction began in the summer of 2017. The project is funded through federal and state grants and is matched by PBOT General Transportation Revenue.

Total Expenditures	991,193	632,470	3,431,287	0	0	0	0	3,431,287
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Errol Heights, SE				Total Project Cost:	5,804,543		Area:	Southeast
Confidence:	Low			Original Cost:	5,804,543		Objective:	Efficiency
Project Description								
The Errol Heights Project will construct alternative standard streets in the Errol Heights neighborhood converting approximately one mile of gravel streets to paved streets, complete with a stormwater conveyance and treatment system. The project will be funded by a LID, developer contribution and Bureau of Environmental Services Stormwater contribution.								
Total Expenditures	304,543	0	3,360,000	0	0	0	0	3,360,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Federal and State Program Match Fund				Total Project Cost:	5,330,163		Area:	Citywide
Confidence:	Low			Original Cost:	4,882,764		Objective:	Efficiency
Project Description								
This program provides local matching funds for grants for approximately four to six projects that may be awarded to the City through the state and federal programs for development, design, and construction of capital improvements. The program is funded by General Transportation Revenue.								
Total Expenditures	0	1,000,000	341,805	637,987	1,283,457	1,283,457	1,283,457	4,830,163
Net Operations and Maintenance Costs			0	0	0	0	0	
Front Ave: 9th-19th LID, NW				Total Project Cost:	2,608,418		Area:	Northwest
Confidence:	Low			Original Cost:	1,500,000		Objective:	Efficiency
Project Description								
This project will reconfigure NW Front Avenue and NW Naito Parkway to add bicycle facilities while incorporating pavement rehabilitation. Three intersections will also have partial traffic signal rebuilds and curb ramp enhancements. The project will be constructed with General Fund and LID revenue.								
Total Expenditures	3,575	1,496,426	2,092,799	0	0	0	0	2,092,799
Net Operations and Maintenance Costs			0	0	0	0	0	
Gravel Street Program				Total Project Cost:	2,858,409		Area:	Citywide
Confidence:	Low			Original Cost:	6,072,682		Objective:	Replacement
Project Description								
This program provides funding for improving gravel streets to the city's shared street standard. The program is intended to provide matching funds for other sources of funding, including Local Improvement Districts. The program is funded by General Fund resources.								
Total Expenditures	0	1,629,166	478,801	478,801	478,801	478,801	478,801	2,394,005
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
LID Street Design				Total Project Cost:	361,000		Area:	Citywide
Confidence:	Low			Original Cost:	1,473,922		Objective:	Replacement
Project Description								
This is a placeholder for future Local Improvement District (LID) projects to be budgeted in the CIP after City Council approves property owners' request to form an LID to design, construct, and finance transportation and stormwater infrastructure improvements. Varying portions of project funding will be provided by the owners of benefiting properties.								
Total Expenditures	0	176,000	185,000	0	0	0	0	185,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Marine Drive Path: NE 112th Ave-185th Ave Sec.				Total Project Cost:	1,090,195		Area:	Northeast
Confidence:	Low			Original Cost:	1,077,000		Objective:	Efficiency
Project Description								
The project will upgrade an existing signalized crossing at 112th to a pedestrian hybrid beacon; construct buffered bike lanes from NE 112th to just west of NE 122nd with one signalized street crossing; and construct an off-street trail between proposed signal crossing east to 122nd. In addition, the project will install a new signalized crossing at NE 138th and well head #15, off-street trail improvements at Well Head #15, and a partial off street trail from 148th to NE 185th Ave. Construction will begin in the Spring of 2019. This project is funded through a federal grant.								
Total Expenditures	217,857	624,153	236,775	0	0	0	0	236,775
Net Operations and Maintenance Costs			0	0	0	0	0	
OR99W: SW 19th Ave to SW 26th - Barbur Blvd Demo				Total Project Cost:	2,012,957		Area:	Southwest Maintenance-
Confidence:	Low			Original Cost:	2,000,000		Objective:	Safety
Project Description								
This project will implement strategically selected improvements in the Demonstration Project Area recommended in the Barbur Boulevard Streetscape Plan, adopted by City Council in 1999. The project is focused on improving pedestrian and bicycle safety, connectivity, accessibility, and transit access. It will build critical missing gaps in the sidewalks and bike lanes along SW Barbur Blvd, rationalize driveways, make minor improvements to existing signalized intersections, and provide two new enhanced crossings for pedestrians and cyclists to access transit and destinations along or across SW Barbur Blvd. The project began design in 2016, with construction scheduled for late 2017. Funding for the project is provided by a federal grant along with a match paid for by General Transportation Revenues.								
Total Expenditures	8,625	326,092	505,000	1,494,332	0	0	0	1,999,332
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
PDC Small Projects				Total Project Cost:	400,000		Area:	Citywide
	Confidence:	Low		Original Cost:	500,000		Objective:	Efficiency
Project Description								
This is a placeholder for small neighborhood transportation improvement projects, which may be identified and funded by Prosper Portland during the budget year. This project is funded by Prosper Portland.								
Total Expenditures	0	200,000	200,000	0	0	0	0	200,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Powell-Division High Capacity Transit				Total Project Cost:	8,454,000		Area:	Southeast
	Confidence:	Low		Original Cost:	1,007,894		Objective:	Growth
Project Description								
The purpose of this project is to provide a more robust, rapid, and reliable high capacity transit connection between downtown Portland and Gresham. Project activities in FY 2018-19 include completion of engineering and initiation of construction. Service is anticipated to begin in 2021. This project is a partnership between TriMet, the cities of Gresham and Portland, ODOT and Multnomah County. The City of Portland's share of local match is anticipated to be funded by Transportation SDCs. A financing IGA will be executed with TriMet through City Council either in late FY 17-18 or in early FY 18-19.								
Total Expenditures	1,588,464	1,198,652	691,905	1,769,000	3,205,979	0	0	5,666,884
Net Operations and Maintenance Costs			0	0	0	0	0	
Pre-LID Street Design				Total Project Cost:	180,000		Area:	Citywide
	Confidence:	Low		Original Cost:	150,000		Objective:	Replacement
Project Description								
The costs of scoping and estimating LID projects are recovered at final assessment after completion of the project, but pre-LID estimates for projects that do not move forward cannot be recovered from property owners in the absence of constructing transportation and stormwater infrastructure improvements. It is not known beforehand whether an LID will move forward. However, those that do move forward provide considerable leverage to PBOT and advance Citywide objectives. These projects scope and estimate street, sidewalk, and stormwater improvements citywide that require property owners to provide LID funding. Funding is from General Transportation Revenue.								
Total Expenditures	0	30,000	30,000	30,000	30,000	30,000	30,000	150,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Public Work Permits				Total Project Cost:	13,200,000		Area:	Citywide
	Confidence:	Low		Original Cost:	13,200,000		Objective:	Expansion
Project Description								
The Public Works Permit project provides for the plan review and construction engineering on all new and remodeled residential, commercial, and industrial projects. All engineering and plans work is performed by private sector professional engineers. The project is funded with fees paid by developers.								
Total Expenditures	0	0	2,265,215	2,200,000	2,200,000	2,200,000	2,200,000	11,065,215
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Red Electric Trail, SW				Total Project Cost:		5,087,763		
	Confidence:	Low		Original Cost:		1,929,183		
							Area:	Southwest
							Objective:	Replacement
Project Description								
This project is the result of the 2007 Red Electric Trail Planning Study. The purpose of this phase of the project is to design and construct an off-street trail connection for pedestrians and cyclists between SW Bertha Court and SW Capitol Highway. Funding is primarily from a federal grant, SDCs, and with local match from Portland Parks and Recreation.								
Total Expenditures	318,641	362,969	1,547,689	1,547,689	0	0	0	3,095,378
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Suttle Road LID, N.				Total Project Cost:		9,525,451		
	Confidence:	Low		Original Cost:		9,525,451		
							Area:	North
							Objective:	Replacement
Project Description								
This project will reconstruct this freight street in concrete, while adding new stormwater drainage facilities and sidewalk on the north side of the street, reducing the chronic need for maintenance, which is ineffective without a full reconstruction. This project is funded by an LID.								
Total Expenditures	0	0	2,423,274	6,089,255	0	0	0	8,512,529
Net Operations and Maintenance Costs			0	0	0	0	0	
Safety								
102nd Ave Crossing Improvements, NE				Total Project Cost:		331,034		
	Confidence:	Low		Original Cost:		331,034		
							Area:	Northeast
							Objective:	Maintenance-Safety
Project Description								
This project will improve pedestrian crossing on NE 102nd Ave from Weidler to Interstate 84. Project development will begin in 2017, with construction scheduled in 2018. The project is funded by Fixing Our Streets revenues.								
Total Expenditures	0	291,034	251,034	0	0	0	0	251,034
Net Operations and Maintenance Costs			0	0	0	0	0	
122nd Ave Safety Improve, Ph II, SE/NE				Total Project Cost:		2,206,897		
	Confidence:	Low		Original Cost:		2,206,897		
							Area:	Northeast/Southeast
							Objective:	Maintenance-Safety
Project Description								
This project will identify and implement safety and transit access improvements along 122nd Ave. The project is funded by Fixing Our Streets revenues.								
Total Expenditures	0	316,210	398,435	1,729,833	0	0	0	2,128,268
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
148th Ave: Halsey - Glisan, NE				Total Project Cost:	1,710,345			Area: Northeast
	Confidence:	Low	Original Cost:		1,710,497	Objective:		Maintenance-Safety
Project Description								
This project will construct sidewalks on NE 148th Ave from Halsey to Glisan St. Design will begin in 2017 with construction in 2018. The project is funded by Fixing Our Streets revenue.								
Total Expenditures	0	404,497	1,348,138	0	0	0	0	1,348,138
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - 162nd Access to Transit								
			Total Project Cost:	1,000,000			Area: Southeast	
	Confidence:	Low	Original Cost:		1,000,000	Objective:		Efficiency
Project Description								
Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, bus stop improvements. Design begins in 2018; construction is planned for 2020. This project is funded by HB2017 and Tri-Met.								
Total Expenditures	0	0	0	1,000,000	0	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
20th Ave Bike: Jefferson-Raleigh, NW								
				Total Project Cost:	500,000			Area: Southwest
	Confidence:	Low	Original Cost:		199,724	Objective:		Maintenance-Safety
Project Description								
This project is for neighborhood greenway improvements on NW 20th Ave., including traffic calming speed bumps, signage, and crossing improvements. The project is funded by Fixing Our Streets revenues.								
Total Expenditures	0	0	333,913	156,087	0	0	0	490,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - 23rd Ave: Lovejoy-Vaugh, NW								
			Total Project Cost:	1,000,000			Area: Northwest	
	Confidence:	Moderate	Original Cost:		1,000,000	Objective:		Efficiency
Project Description								
Pavement reconstruction, enhanced pedestrian crossings, bus stop improvements, and a signal upgrade. Design begins in 2019; construction is planned for 2021. This project is funded by HB2017 and SDCs.								
Total Expenditures	0	0	0	250,000	750,000	0	0	1,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
4M Greenway: 130th-174th, SE				Total Project Cost:	2,300,000			Area: Southeast Maintenance-Safety
	Confidence:	Low	Original Cost:		551,724	Objective:		
Project Description								
This project will build a neighborhood greenway (bike/walk route on low traffic, low speed streets) between 130th Ave and Gresham city limits, using SE Mill St, Millmain Dr, and Main St. It includes fire-friendly speed bumps, sharrows, wayfinding, bike lanes on higher volume segments, and limited sidewalk infill. Project development is underway and construction is anticipated in 2019. Funding is from Fixing Our Streets and TSDCs.								
Total Expenditures	8,671	551,724	1,048,966	888,788	0	0	0	1,937,754
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - 60th/Halsey Area Improvements, NE								
			Total Project Cost:	9,500,000			Area: Northeast Efficiency	
	Confidence:	Low	Original Cost:		9,500,000	Objective:		
Project Description								
This project will provide for paving, signal upgrades, and re-striping along Halsey, sidewalk widening and crossings on 60th Ave. Sixties Bikeway segment from Davis to Sacramento. Design begins in 2019; construction is planned for 2021. This project is funded by HB2017 and SDCs.								
Total Expenditures	0	0	0	2,000,000	4,500,000	0	0	6,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
70s Greenway Killingsworth-Cully Park								
			Total Project Cost:	4,990,733			Area: Northeast Maintenance-Safety	
	Confidence:	Low	Original Cost:		4,790,733	Objective:		
Project Description								
This project constructs bikeway improvements on local streets in the 70s corridor to improve bicycle and pedestrian safety and connectivity. It will construct an offstreet path along NE 72nd Ave through the Rose City Golf Course. Design will begin in 2019, with consruction scheduled for 2021. This project is funded by an ODOT Enhance Grant and SDCs.								
Total Expenditures	200,000	0	605,486	3,358,055	827,192	0	0	4,790,733
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - 72nd Ave: Sandy - Killingsworth, NE			Total Project Cost:		4,734,305	Area:		
Confidence:			Low	Original Cost:		4,734,305	Objective:	
							Northeast Maintenance-Safety	

Project Description

Provide a high-quality pedestrian and bicycle parkway along NE 72nd Ave through the heart of Cully. This project will connect Cully residents to nearby commercial areas and schools, provide multimodal accessibility to parks and green space in Cully and Roseway, and will connect to the future 70s Bikeway to the south. The project would construct a neighborhood greenway with traffic calming and crossing improvements from Sandy to Prescott, physically separated pedestrian and bicycle pathways on the west side of 72nd from Prescott to Sumner, and a shared multi-use path on the west side of 72nd from Sumner to Killingsworth. The project will also include lighting, street trees, and place-making elements. This project is funded by a Regional Flex Fund grant and SDC.

Total Expenditures	0	0	919,755	3,814,550	0	0	0	4,734,305
Net Operations and Maintenance Costs			0	0	0	0	0	

7th/9th Ave Greenway: Lloyd-Fremont, NE			Total Project Cost:		551,724	Area:		
Confidence:			Low	Original Cost:		551,724	Objective:	
							Northeast Maintenance-Safety	

Project Description

This project will evaluate two possible corridors for the extension of the the 7th Ave bikeway north of Broadway St. The project development phase will begin in 2018, with construction scheduled in 2019 or 2020. The project is funded by Fixing Our Streets revenues.

Total Expenditures	0	46,724	401,852	0	0	0	0	401,852
Net Operations and Maintenance Costs			0	0	0	0	0	

82nd Ave Crossing Improve, SE/NE			Total Project Cost:		704,000	Area:		
Confidence:			Low	Original Cost:		704,000	Objective:	
							Northeast/Southeast Maintenance-Safety	

Project Description

This project is a partnership with the Oregon Department of Transportation to improve pedestrian crossings in the corridor. Project development began in 2017, with construction in 2018. The project is funded by Fixing Our Streets revenues.

Total Expenditures	0	704,000	596,703	0	0	0	0	596,703
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Active Transportation Improvements				Total Project Cost:	5,400,000		Area:	Citywide
	Confidence:	Low		Original Cost:	5,642,422		Objective:	Efficiency

Project Description

The project continues pedestrian and bicycle safety improvements throughout the city by providing the following: crossing improvements at busier streets, speed reduction on neighborhood streets, neighborhood safety improvements, sidewalk and bicycle network infill, and safety improvements on the pedestrian and bicycle network. The funding for this program is a combination of General Transportation Revenue (GTR), which leverage grants from other City and regional agencies, as well as state and federal grants.

Total Expenditures	0	6,499,720	1,550,000	900,000	900,000	900,000	900,000	5,150,000
Net Operations and Maintenance Costs			0	0	0	0	0	

ADA Accessible Sidewalks				Total Project Cost:	15,000,000		Area:	Citywide
	Confidence:	Low		Original Cost:	15,000,000		Objective:	Maintenance-Safety

Project Description

The Americans with Disabilities Act (ADA) requires that curbed corners with sidewalk be replaced with curb ramps so that people with mobility issues cross the street and have the ability to reach the refuge of the sidewalk and get out of the vehicular travelled way. This \$5.0 million General Fund allocation will be used to design and construct curb ramp improvements throughout the City as identified by the Civil Rights Education and Enforcement Center (CREEC). Project development and design efforts are anticipated to commence in Spring of 2018 and continue for at least the next three years. This project is funded by General Fund resources.

Total Expenditures	0	0	8,801,270	2,198,730	0	0	0	11,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Beaverton Hillsdale Hwy: 30th-39th, SW				Total Project Cost:	445,655		Area:	Southwest
	Confidence:	Low		Original Cost:	445,655		Objective:	Maintenance-Safety

Project Description

This project includes the installation of a shared pedestrian and bike path, median and Rapid Flash Beacons at 35th, and ADA compliant curb ramps at 30th Ave. Construction is schedule for Spring/Summer 2018. The project is funded by a combination of Fixing Our Streets revenues and GTR.

Total Expenditures	76,421	0	294,772	0	0	0	0	294,772
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Brentwood-Darlington - SRTS, SE			Total Project Cost:		5,350,000	Area: Southeast		
Confidence: Low			Original Cost:		5,350,000	Objective: Maintenance-Safety		

Project Description

This project will provide safe routes to several Title 1 schools and access to transit in a neighborhood with very poor sidewalk coverage. Sidewalk infill will be constructed on both sides of SE Duke St from 52nd to 82nd Aves and on both sides of SE Flavel St from 52nd to 82nd Aves. A low-stress neighborhood greenway with traffic calming, way-finding, and improved crossings (including at 82nd Ave) will be constructed on Knapp and Ogden Streets from 52nd to 87th, connecting the 50s and 80s Neighborhood Greenways. The project is funded by a federal grant awarded through the Metro 2019-21 Regional Flexible Funds process, with local match provided by SDCs.

Total Expenditures	0	0	637,661	2,282,339	2,430,000	0	0	5,350,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Bridge Column Safety			Total Project Cost:		250,000	Area: Citywide		
Confidence: Low			Original Cost:		250,000	Objective: Maintenance-Safety		

Project Description

This project will install or upgrade impact attenuators at the following locations: NE Columbia Blvd/Columbia Pkwy, N Columbia/Interstate, Marine Dr/Portland Rd, Marind Dr/112th, Division/Grand, SW Barbur/Capitol Hwy, SW Naito/Arthru/Ross Island Bridge. Other locations on Truck Crash Corridors or on the High Crash Network may be added if funding allows. This project is funded by the Heavy Vehicle Use Tax (HVUT).

Total Expenditures	0	0	125,000	0	0	0	0	125,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Burgard Rd at Time Oil Rd, N			Total Project Cost:		2,635,000	Area: Citywide		
Confidence: Low			Original Cost:		2,635,000	Objective: Expansion		

Project Description

This is a priority project in the Freight Master Plan and implements the St. Johns Truck Strategy by reinforcing the Burgard/Lombard street segment as the designated freight route in north Portland. This phase of the project will focus improvements along the Time Oil/Burgard intersection to improve sight distance and mainline system performance, reduce travel delays and vehicular conflicts between trucks and autos, and improve ingress/egress to the NW Container Service property. This project will widen the existing roadway and include two 12-foot travel lanes, as well as one 14-foot left turn lane with two left turn pockets to accommodate truck turning movements onto northbound N Time Oil Rd and into the NW Container Services site. This project is funded through federal funds and SDCs.

Total Expenditures	592,595	515,719	358,865	0	0	0	0	358,865
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Burnside St: 8th-24th, W				Total Project Cost:		4,000,000		Area: West
	Confidence:	Low		Original Cost:		1,973,327		Objective: Efficiency

Project Description

This project will construct pedestrian safety and crossing improvements on W Burnside. It includes sidewalk infill on W Burnside from 24th to Uptown Terrace and multimodal improvements at W Burnside and 18th/19th, including new marked crossings, signal upgrades, a protected intersection design, and connecting bike lanes. Construction is planned for summer 2017. This project includes pedestrian safety and crossing improvements on W Burnside between 8th and 24th. This project is funded through one-time General Fund resources and SDCs.

Total Expenditures	416,497	3,051,536	2,712,206	0	0	0	0	2,712,206
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Cap Hwy: Huber - Stephenson, SW				Total Project Cost:		2,250,000		Area: Southwest
	Confidence:	Low		Original Cost:		2,250,000		Objective: Efficiency

Project Description

Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, and signal upgrades. Design begins in 2018; construction is planned for 2019. This project is funded by HB2017 and SDCs.

Total Expenditures	0	0	0	750,000	1,500,000	0	0	2,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Capitol Hwy: Huber - Taylors Ferry, SW				Total Project Cost:		2,050,587		Area: Southwest
	Confidence:	Low		Original Cost:		2,050,587		Objective: Maintenance-Safety

Project Description

Also known as the West Portland Crossroads Project, this project will provide continuous ADA-compliant sidewalks, curb ramps and bike lanes along SW Capitol Highway between Taylors Ferry Rd and Huber St, in coordination with intersecting projects by ODOT and TriMet/Metro. Project may include traffic modeling and right-of-way acquisition. The project is funded by a one-time earmark of State of Oregon funds authorized by House Bill 5006.

Total Expenditures	0	0	2,050,587	0	0	0	0	2,050,587
Net Operations and Maintenance Costs			0	0	0	0	0	

Capitol Hwy: Multnomah Village - West Portland, SW				Total Project Cost:		13,669,728		Area: Southwest
	Confidence:	Low		Original Cost:		10,310,245		Objective: Maintenance-Safety

Project Description

The project is located on SW Capitol Hwy between Garden Home Rd and Taylors Ferry Rd. The project will construct a sidewalk and protected bike lane on the east side of the roadway, a multi-use path on the west side of the roadway, pedestrian crossings, stormwater improvements, and several minor intersection realignments. The project is funded by Fixing Our Streets, SDCs and the Bureau of Environmental Services.

Total Expenditures	115,766	505,000	4,602,642	3,053,520	0	0	0	7,656,162
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Central City Multi-Modal Safety Projects				Total Project Cost:	9,054,509			Area: Central City
	Confidence:	Low	Original Cost:		6,618,001			Objective: Efficiency
Project Description								
This project will identify and implement specific projects in the Central City to improve bicycle and pedestrian safety, prioritize transit, and encourage greater use of active transportation. The planning phase wrapping up in 2018. The project is funded through Regional Flexible Funds, General Transportation Revenue, FOS, and SDCs.								
Total Expenditures	176,266	889,272	1,290,428	6,835,815	0	0	0	8,126,243
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Central Eastside Access and Circulation								
				Total Project Cost:	4,400,000			Area: Citywide
	Confidence:	Low	Original Cost:		4,400,000			Objective: Efficiency
Project Description								
The project will improve freight access and circulation and reduce conflicts in the Central Eastside by adding new traffic signals and modifying existing traffic signals consistent with the adopted SE Quadrant Plan. This project is funded by Regional Flexible Funds and SDCs.								
Total Expenditures	0	0	319,331	4,080,669	0	0	0	4,400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - CIP Spot Improvement Program								
				Total Project Cost:	2,084,888			Area: Citywide
	Confidence:	Low	Original Cost:		2,084,888			Objective: Efficiency
Project Description								
This funding request will be used for the eleven citywide quick-response programs that were adopted by City Council in the Transportation System Plan's Major Projects List in December 2016. These programs invest in small-scale transportation projects that, among other things, address safety concerns on high crash corridors and near schools, fill in gaps and upgrade infrastructure on the multimodal transportation network, and make operational improvements to improve traffic flow, reliability, and access on major transit and freight corridors.								
Total Expenditures	0	0	2,084,888	0	0	0	0	2,084,888
Net Operations and Maintenance Costs			0	0	0	0	0	
Connect Cully, NE								
				Total Project Cost:	3,429,775			Area: Northeast
	Confidence:	Low	Original Cost:		3,337,372			Objective: Efficiency
Project Description								
This project will provide sidewalk improvements on bikeway improvements along NE Killingsworth St and NE 72nd Ave, in the Cully neighborhood. Design begin in 2016 with construction scheduled for 2017. The project is funded by Transportation Enhance funds and General Transportation Revenue.								
Total Expenditures	283,988	423,620	2,629,763	0	0	0	0	2,629,763
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Cornfoot Rd: 47th Ave - Alderwood, NE				Total Project Cost:	312,000			Area: Northeast
Confidence:	Low			Original Cost:	312,000			Objective: Replacement
Project Description								
There is a history of run off road crashes on NE Cornfoot, 47th to Alderwood, that guardrail installation will address. This, coupled with increased development, make this project on Cornfoot a priority. New guardrail installation reduces crashes by 58%, while guardrail upgrades reduce all crashes by 22%. In the last 10 years, there have been 38 crashes on Cornfoot Road, including 11 run off road crashes. These types of crashes resulted in one fatal crash and three injury crashes. NE Cornfoot Road Corridor Improvements is a project on the TSP Project List (Proj. #40036) which includes installation of missing guardrail sections on the south side. The project is funded by the Fixing Our Streets revenues.								
Total Expenditures	0	0	282,000	0	0	0	0	282,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Cornfoot: 47th - Alderwood, NE				Total Project Cost:	4,000,000			Area: Northeast
Confidence:	Low			Original Cost:	4,000,000			Objective: Efficiency
Project Description								
This project will provide for a multi-use path on north side of roadway, paving, and intersection improvements. Design begins in 2019; construction is planned for 2021. This project is funded by HB2017 and SDCs								
Total Expenditures	0	0	0	1,500,000	2,500,000	0	0	4,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Cully North-South Connections				Total Project Cost:	1,500,000			Area: Northeast
Confidence:	Low			Original Cost:	1,500,000			Objective: Efficiency
Project Description								
50s and 60s neighborhood greenways, and sidewalk along NE 60th Ave. Design begins in 2018; construction is planned for 2019. This project is funded by HB2017.								
Total Expenditures	0	0	0	1,500,000	0	0	0	1,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Division St: 82nd-174th, SE				Total Project Cost:	6,000,379			Area: Southeast
Confidence:	Low			Original Cost:	185,379			Objective: Maintenance-Safety
Project Description								
This project was identified in the East Portland in Motion five-year implementation strategy final report. It includes upgrading existing bike lanes to buffered bike lanes on SE Division from I-205 to SE 130th. This project is currently in the planning phase, with construction anticipated to be in 2018. Funding is from Fixing Our Streets revenues.								
Total Expenditures	77,408	435,379	5,315,000	0	0	0	0	5,315,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Downtown I-405 Ped Safety Imp, SW				Total Project Cost:	3,183,401		Area:	Southwest
Confidence:	Low			Original Cost:	2,240,094		Objective:	Efficiency

Project Description

This project will provide pedestrian safety improvements at several key intersections in the vicinity of I-405. Design will begin in 2016, with construction scheduled for 2018/2019. The project is funded by the ODOT Enhance funds and SDCs.

Total Expenditures	85,663	287,311	2,785,566	0	0	0	0	2,785,566
Net Operations and Maintenance Costs			0	0	0	0	0	

East Portland Access to Employment				Total Project Cost:	5,870,072		Area:	East
Confidence:	Low			Original Cost:	5,870,072		Objective:	Efficiency

Project Description

This project will provide pedestrian and bicycle improvements in east Portland to improve access to jobs, schools, and transit. Specific improvements include the 100s Neighborhood Greenway extension, 150s Neighborhood Greenway, sidewalk infill and bike lanes on SE Market St (92nd-130th) and SE Cherry Blossom Dr (Washington-Market), and 10 new or enhanced pedestrian/bicycle crossings or arterials. This is a federal project funded through the Regional Economic Opportunity Fund, a subset of the 2016-18 Regional Flexible Funds administered by Metro and disbursed by ODOT.

Total Expenditures	243,595	965,727	2,585,810	2,049,880	0	0	0	4,635,690
Net Operations and Maintenance Costs			0	0	0	0	0	

Flander Crossing, NE				Total Project Cost:	5,824,000		Area:	Northwest
Confidence:	Low			Original Cost:	5,540,414		Objective:	Maintenance-Safety

Project Description

This project will construct a new bicycle and pedestrian crossing of Interstate 405 at NW Flanders St and bikeway improvements along NW Flanders St from Naito Parkway to NW 23rd Ave. Design will begin in 2017, with construction of the bridge planned for 2019. This project is funded by a Connect Oregon grant and SDCs.

Total Expenditures	116,101	647,007	771,756	4,500,000	0	0	0	5,271,756
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Prior Years	Revised FY 2017-18	Adopted FY 2018-19	Capital Plan				
Project				FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Foster Rd: Powell Blvd - 90th Ave, SE				Total Project Cost:		8,913,402		
	Confidence:	Low		Original Cost:		3,250,000		
							Area:	Southeast Maintenance- Safety

Project Description

The SE Foster Road Safety and Sidewalk Enhancement Project will introduce bicycle lanes along Foster Road, while preserving space for a potential future streetcar, widened sidewalks in Lents, street trees, and ADA curb ramps. The project also includes curb extensions, crossing improvements at targeted locations, street trees, and street lighting throughout the corridor. Design began in 2015, with construction scheduled for 2017. Funding for this project comes from Regional Flexible Funds and Urban Renewal Funds from Prosper Portland.

Total Expenditures	1,244,780	1,602,052	5,485,167	0	0	0	0	5,485,167
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Foster/Woodstock Couplet: 96th-101st, SE				Total Project Cost:		7,000,000		
	Confidence:	Low		Original Cost:		7,000,000		
							Area:	Southeast Efficiency

Project Description

This project will provide for paving, new traffic signals, roadway safety redesign, enhanced pedestrian crossings, and enhanced bike lanes. Design begins in 2018; construction is planned for 2020. This project is funded by HB2017, SDCs and Build Portland.

Total Expenditures	0	0	250,000	2,750,000	4,000,000	0	0	7,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Gideon Pedestrian Overcrossing, SE				Total Project Cost:		626,256		
	Confidence:	Low		Original Cost:		626,256		
							Area:	Southeast Maintenance- Safety

Project Description

As one of the final actions in the Portland-Milwaukie light rail project, the FTA has approved the construction of a new bicycle/pedestrian bridge near the SE Clinton station at SE 13th and 14th. This bridge will span both the light rail and freight rail tracks just east of the light rail station. It will provide an alternative access to/from the Clinton neighborhood and the transit station and the multiuse path network between there and the Willamette River and Brooklyn neighborhoods. The bridge will be designed and constructed by TriMet with ownership, operations, and maintenance by PBOT upon completion. Conceptual design work is ongoing with engineering and construction completion in late 2019. No additional local match from the City is anticipated. The existing design and construction services IGA with TriMet will be amended to include City staff efforts on this portion of the project.

Total Expenditures	0	0	626,256	0	0	0	0	626,256
Net Operations and Maintenance Costs								

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Glisan St: 82nd-162nd, NE				Total Project Cost:	586,219		Area:	Northeast
								Maintenance-
Confidence:	Low		Original Cost:	586,219		Objective:		Safety
Project Description								
Also known as the Outer Glisan Safety Project, this project will stitch together four other capital projects with a cohesive corridor treatment on NE Glisan St to reduce serious and fatal crashes and better match multi-modal travel demand. Road reorganization and buffered bike lanes are proposed from 102nd Avenue to 162nd Avenue. Spot safety improvements are proposed at other locations along the corridor. The project is funded by SDCs.								
Total Expenditures	0	0	586,219	0	0	0	0	586,219
Net Operations and Maintenance Costs			0	0	0	0	0	
Greeley Multiuse Path: Going-Interstate, N				Total Project Cost:	1,007,280		Area:	North
								Maintenance-
Confidence:	Low		Original Cost:	1,007,280		Objective:		Safety
Project Description								
This project will provide a two-way, barrier-separated, multi-use path along the east side of N Greeley Ave from Going St. to Interstate. Project development is underway and construction is anticipated in 2018. The project is funded by a City Council major maint set-aside and Heavy Vehicle Use Tax (HVUT).								
Total Expenditures	0	0	555,333	0	0	0	0	555,333
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Halsey St: 114th-162nd, NE				Total Project Cost:	2,291,000		Area:	Northeast
								Maintenance-
Confidence:	Low		Original Cost:	2,291,000		Objective:		Safety
Project Description								
This project will provide multi-modal safety improvements to NE Halsey St east of 114th Ave. Main elements include a) four median refuge islands with rapid flash beacons, b) widening of existing bicycle facilities through reorganization of the roadway, and c) sidewalk infill, as budget allows. Construction is anticipated in 2019. This project is funded by SDC and one-time General Fund resources.								
Total Expenditures	3,028	996,972	1,934,513	0	0	0	0	1,934,513
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Halsey/Weidler: 103rd - 113th, NE				Total Project Cost:		5,564,700		Area: Northeast
	Confidence:	Low		Original Cost:		470,900		Objective: Efficiency

Project Description

The project will improve selected intersections in the corridor with curb extensions and other enhancements, including protected bike lanes from NE 102nd to NE 113th. The project also includes paving Foster Rd. Construction is schedule to begin in 2017. The project is funded by Prosper Portland and Fixing Our Streets and SDC's.

Total Expenditures	480,896	5,147,318	5,053,804	0	0	0	0	5,053,804
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Hawthorne Safety Improvements, SE				Total Project Cost:		150,000		Area: Southeast Maintenance-Safety
	Confidence:	Low		Original Cost:		150,000		Objective: Safety

Project Description

The project will provide corridor wide pedestrian improvements and could include curb ramps, signing, crosswalk, median islands. This project is funded with one-time General Transportation Revenue.

Total Expenditures	65,317	84,683	64,683	0	0	0	0	64,683
Net Operations and Maintenance Costs			0	0	0	0	0	

HOP Greenway: Gateway TC-132nd, NE				Total Project Cost:		1,864,000		Area: Northeast Maintenance-Safety
	Confidence:	Low		Original Cost:		551,724		Objective: Safety

Project Description

This project constructs a neighborhood greenway (bike/walk route on low traffic, low speed streets) between Gateway Transit Center and 132nd Ave, using NE Holladay, Oregon and Pacific Streets. It includes speed bumps, sharrows, wayfinding, crossing improvements at 102nd and 122nd Avenues, and the paving of approximately 500 feet of unimproved streets using alternatives standards. Project development is underway and construction is anticipated in 2018 or 2019. Funding is from Fixing Our Streets revenues and SDCs.

Total Expenditures	0	551,724	878,500	506,021	0	0	0	1,384,521
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Hwy Safety Improvement Prgm (HSIP) & Safety Ops CW				Total Project Cost:		1,840,550	Area:	Citywide
Confidence:		Low	Original Cost:		5,201,372	Objective:		Efficiency

Project Description

The program goal for Highway Safety Improvement Program (HSIP) is to reduce fatal and serious injury crashes on all public roads, driven by safety data. Projects include safety features such as signals, crosswalks, and pedestrian beacons. Project activities in FY 2017-18 include final engineering and construction, with project closeout anticipated in FY 2018-19. Through an IGA with ODOT, this is a federally-funded project managed by PBOT.

Total Expenditures	169,334	996,023	347,834	0	0	0	0	347,834
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Hwy Safety Improvement Prgm (HSIP) Signals				Total Project Cost:		2,560,972	Area:	Citywide
Confidence:		Low	Original Cost:		2,560,972	Objective:		Maintenance-Safety

Project Description

Improve driver visibility and response at traffic signals by installing larger backboards and signal heads throughout the city, other improvements at signalized intersections throughout the city. The project is funded by a State grant.

Total Expenditures	3,810	0	1,996,098	0	0	0	0	1,996,098
Net Operations and Maintenance Costs			0	0	0	0	0	

I-205 Undercrossing @ Halsey, NE				Total Project Cost:		3,590,468	Area:	Northeast
Confidence:		Low	Original Cost:		1,683,000	Objective:		Maintenance-Safety

Project Description

This project will construct a bicycle and pedestrian crossing under I-205 adjacent to NE Halsey street providing access from the Tillamook bikeway to the Gateway district. Project development will begin in 2018. The project is funded by an ODOT Enhancement grant.

Total Expenditures	0	0	673,332	2,753,594	0	0	0	3,426,926
Net Operations and Maintenance Costs				0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Jade-Montevilla Connected Centers NE			Total Project Cost:		7,194,000	Area:		
Confidence:			Low	Original Cost:		7,194,000	Objective:	
							Northeast Maintenance- Safety	

Project Description

This project will construct multi-modal improvements on key pedestrian and bicycle routes within and connecting to the Jade District and Montavilla Neighborhood Centers in SE Portland. Project elements include sidewalks and lighting on SE Clinton between 82nd Ave and 87th Ave; sidewalk infill and traffic calming on portions of SE 85th Ave between Powell Blvd and Division St; paving and adding walkway to unimproved portions of the SE Woodward/Brooklyn Neighborhood Greenway between 75th and 85th Aves; protected bike lane on SE Washington St from 72nd to 92nd Ave/ I-205 multi-use path; reconfiguring left turn movements from 82nd Ave to the Stark/Washington couplet; and enhanced crossings of the Stark/Washington couplet at 84th and 86th Aves. The project is funded by a federal grant awarded through the Metro 2019-21 Regional Flexible Funds process, with local match provided by TSDCs.

Total Expenditures	0	0	748,699	3,801,801	2,643,500	0	0	7,194,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - Lombard St: St Louis-Richmond, N			Total Project Cost:		4,000,000	Area:		
Confidence:			Low	Original Cost:		4,000,000	Objective:	
							North Efficiency	

Project Description

Pavement reconstruction, enhanced pedestrian crossings, bus stop improvements, streetscape enhancements and a signal upgrade. Design begins in 2018; construction is planned for 2020. This project is funded by HB2017, SDCs and Build Portland.

Total Expenditures	0	0	0	750,000	1,500,000	1,750,000	0	4,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Montavilla-Springwater Connector, SE/NE			Total Project Cost:		1,221,000	Area:		
Confidence:			Low	Original Cost:		551,724	Objective:	
							Northeast/ Southeast Maintenance- Safety	

Project Description

This project will provide bikeway improvements connecting the 70s bikeway to the Springwater Trail. Project development will begin in 2018. This project is funded by Fixing Our Streets revenues and SDCs.

Total Expenditures	0	0	156,114	918,781	0	0	0	1,074,895
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Multnomah Blvd @ Garden Home, SW			Total Project Cost:		2,156,000		Area:	Southwest
Confidence:			Low		Original Cost:		2,156,000	
Objective:							Maintenance-Safety	
Project Description								
This project will realign the intersection of SW Multnomah Boulevard and SW Garden Home Road to improve safety for all modes. The project is in a part of the City of Portland located in Washington County and is a partnership between both entities. Washington County is providing \$1,000,000 from its MSTIP 3e program; the balance will be funded by City of Portland TSDCs and remaining Traffic Impact Fees that City of Portland collected in Washington County.								
Total Expenditures								
00295,3431,060,657750,000002,106,000								
Net Operations and Maintenance Costs								
00000								
NEW - Naito/Whitaker Crossing, SW								
Total Project Cost:			500,000		Area:		Southwest	
Confidence:			Low		Original Cost:		500,000	
Objective:							Efficiency	
Project Description								
Enhanced pedestrian crossing including pedestrian hybrid signal and curb and sidewalk reconstruction at SW Naito & Whitaker. Design began in 2012 and restarted in 2018; construction is planned for late 2018. This project is funded by HB2017 and General Transportation Revenue.								
Total Expenditures								
000500,000000500,000								
Net Operations and Maintenance Costs								
00000								
Powell St Lighting: I-205-174th, SE								
Total Project Cost:			345,379		Area:		Southeast	
Confidence:			Low		Original Cost:		345,379	
Objective:							Maintenance-Safety	
Project Description								
The funds associated with this project will provide street lights and possibly poles at up to 25 locations. An LED street lighting retrofit will also be completed. Ongoing discussions with ODOT will determine other improvements to the lighting systems along this corridor. This project is funded through Fixing Our Streets revenues.								
Total Expenditures								
00345,379000345,379								
Net Operations and Maintenance Costs								
00000								
Priority Ramps/ADA Transition Plan, CW								
Total Project Cost:			331,034		Area:		Citywide	
Confidence:			Low		Original Cost:		345,379	
Objective:							Maintenance-Safety	
Project Description								
This program will provide funding to prioritize and implement ADA compliant curb ramps in select locations. The program is funded by Fixing Our Streets revenues.								
Total Expenditures								
0331,034331,034000331,034								
Net Operations and Maintenance Costs								
00000								

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Safe Routes to School, CW				Total Project Cost:		8,001,102	Area:	Citywide
								Maintenance-
	Confidence:	Low		Original Cost:		10,631,550	Objective:	Safety
Project Description								
This project will increase safety and reduce congestion around schools and improve health for students and their families. Specific locations will be determined, and a complete budget for infrastructure improvements and preliminary plans will be developed in the current planning phase. Funding is from Fixing Our Streets revenues.								
Total Expenditures	0	0	3,512,275	2,744,275	0	0	0	6,256,550
Net Operations and Maintenance Costs			0	0	0	0	0	
Safer Access to Bus Shelters, SE/NE				Total Project Cost:		220,690	Area:	Northeast/ Southeast
								Maintenance-
	Confidence:	Low		Original Cost:		220,690	Objective:	Safety
Project Description								
This project will identify and implement specific projects from the Growing Transit Communities plan to provide safe and convenient walking, biking and public transportation opportunities. This project is funded by Fixing Our Streets revenues.								
Total Expenditures	0	110,345	220,690	0	0	0	0	220,690
Net Operations and Maintenance Costs			0	0	0	0	0	
Safer Shoulders (BES Partnership)				Total Project Cost:		891,500	Area:	Citywide
								Maintenance-
	Confidence:	Low		Original Cost:		891,586	Objective:	Safety
Project Description								
This project will partner with the Bureau of Environmental Services (BES) to provide shoulder improvements in SW Portland that improve stormwater drainage and provide enhanced pedestrian access. The project is funded by Fixing Our Streets revenues, and BES may fund the stormwater components.								
Total Expenditures	0	423,679	790,250	0	0	0	0	790,250
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Sandy at 31st & Glisan at 87th, NE			Total Project Cost:		298,966	Area:		
								Northeast
								Maintenance-
Confidence:	Low		Original Cost:	298,966		Objective:		Safety
Project Description								
This project includes the installation of Rapid Flash Beacons (RFB) at two intersections, along with ADA curb ramp installations and additional pedestrian lighting. Construction is scheduled for Spring/Summer 2018. The project is funded by a combination of Fixing Our Streets revenues and a one-time Vision Zero General Fund resources.								
Total Expenditures	12,491	137,509	198,966	0	0	0	0	198,966
Net Operations and Maintenance Costs			0	0	0	0	0	
Southwest in Motion Bike Lanes, SW								
			Total Project Cost:		185,379	Area:		
								Southwest
								Maintenance-
Confidence:	Low		Original Cost:	185,379		Objective:		Safety
Project Description								
Design work on this project is anticipated to begin in late 2017, with construction during 2018. The project will design and construct priority bike projects identified in the SWIM Plan with funds from Fixing Our Streets revenues.								
Total Expenditures	0	0	185,379	0	0	0	0	185,379
Net Operations and Maintenance Costs			0	0	0	0	0	
Southwest in Motion Xing Priorities, SW								
			Total Project Cost:		551,724	Area:		
								Southwest
								Maintenance-
Confidence:	Low		Original Cost:	551,724		Objective:		Safety
Project Description								
Design work on this project is anticipated to begin in late 2017, with construction during 2018. The project will design and construct priority pedestrian network projects identified in the SWIM Plan with funds from Fixing Our Streets revenues.								
Total Expenditures	0	0	551,724	0	0	0	0	551,724
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Stark: 108th-162nd, SE								
			Total Project Cost:		20,000,000	Area:		
								Southeast
Confidence:	Low		Original Cost:	20,000,000		Objective:		Efficiency
Project Description								
Roadway safety redesign, enhanced pedestrian crossings, enhanced bike lanes, signal upgrades, and paving. Design begins in 2018; construction is planned for 2020. This project is funded by HB2017, TSDCs, and Build Portland.								
Total Expenditures	0	0	250,000	3,250,000	5,000,000	11,500,000	0	20,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Sullivan's Crossing over I-84, NE				Total Project Cost:		13,000,000		Area: Northeast
	Confidence:	Low		Original Cost:		13,000,000		Maintenance-Safety
								Objective: Safety

Project Description

The project is a new pedestrian/bicycle bridge over Sullivan's Gulch between the Lloyd and the Central Eastside Industrial Districts in NE Portland. The scope includes an alternatives analysis for the adjacent segment of the Sullivan's Gulch Trail between Eastbank Esplanade and NE 12th Avenue. Design is anticipated in 2017 and 2018, with construction in 2019. The project is funded by SDCs and Prosper Portland.

Total Expenditures	889	923,926	1,630,946	9,868,165	0	0	0	11,499,111
Net Operations and Maintenance Costs			0	0	0	0	0	

US 30 Xing Enhance (Linnton), NW				Total Project Cost:		185,381		Area: Northwest
	Confidence:	Low		Original Cost:		185,381		Maintenance-Safety
								Objective: Safety

Project Description

This project will provide a new pedestrian crossing of US-30 in the Linnton neighborhood in partnership with ODOT. Design and construction will occur in 2019. The project is funded by Fixing our Streets revenues.

Total Expenditures	0	185,381	185,381	0	0	0	0	185,381
Net Operations and Maintenance Costs			0	0	0	0	0	



Portland Water Bureau

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Customer Service								
Security and Emergency Mgt				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
Projects funded by this budget will include physical security improvements to major and smaller facilities as well as improved security in the overall water distribution system and control and communications system. In FY 2018-19, the funding requested is for any needed replacement of surveillance equipment. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	50,000	100,000	100,000	100,000	100,000	100,000	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Distribution								
Council Crest Tank Roof				Total Project Cost:	1,309,000		Area:	Southwest
	Confidence:	High		Original Cost:	700,000		Objective:	Replacement
Project Description								
Council Crest Tank is the highest-elevation tank in southwest Portland and serves approximately 1,300 customers with no backup gravity supply. Due to corrosion of the exposed structure, there is a risk of roof collapse from the effects of an earthquake or an ice or wind storm. Roof failure could result in a long-term boil water notice, frequent outages, and reactive repair costs. This project will replace the Council Crest Tank roof and upper wall shell. In FY 2018-19, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	318,604	167,000	820,000	0	0	0	0	820,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Distribution Mains				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The bureau is committed to improving maintenance of the water system infrastructure, including repairs, replacements and upgrades. This program supports rehabilitation and replacement of substandard mains; expansion due to private lands development; increased water supply for fire protection; improved water quality; and water system upgrades due to local improvement districts and street improvements. The Portland Water Bureau uses a risk-based, reliability-centered approach to identify, catalog, and prioritize projects to ensure minimal disruption to customers. Distribution main replacements also include appurtenances such as fire hydrants, valves, pressure regulators, service branches, and other facilities. Small projects, under \$125,000, are normally completed by bureau personnel. Projects with construction estimates of more than \$125,000 are typically put out for bid. Many projects in this program provide for the relocation and adjustment of water facilities to accommodate storm drainage and sewer pipelines constructed by the Bureau of Environmental Services (BES), roadway configuration changes, pavement overlays, and bridge improvements for the Portland Bureau of Transportation and the Oregon Department of Transportation. Other bureaus reimburse a portion of the costs based on the age of the existing water facility. In FY 2018-19, the bureau expects to work on about 50 minor distribution mains projects. Recently, there has been an increase in the number of petition mains supporting new development. Also, the bureau expects to begin construction of larger mains at Jerald Way (720 feet replacement) and SW 53rd Ave 620 feet) and interagency projects such as PBOT's SE 122nd Ave Bridge Replacement and BES Montavilla Sewers. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, other construction fund revenues such as system development charges and interest earnings, and interagency revenues.								
Total Expenditures	0	12,622,000	10,353,000	12,240,000	14,305,000	16,170,000	21,210,000	74,278,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Field Support								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
This program funds the supplies, equipment, and facilities that the bureau field crews use to maintain and operate the water system. The bureau's fleet of construction equipment and vehicles are managed through this program. The project funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	4,000,000	4,130,000	4,130,000	4,130,000	4,130,000	4,130,000	20,650,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Fulton Pump Mains Replacement								
				Total Project Cost:	5,079,000		Area:	Southwest
	Confidence:	Low		Original Cost:	5,079,000		Objective:	Maintenance & Repair
Project Description								
This project will install approximately 2,890 feet of new 20-inch pump main and 450 feet of new 24-inch pump main. The 24-inch pump main includes 300 feet bored under the I-5 Freeway and approximately 150 feet bored under SW Barbur Blvd. The project will also include abandoning approximately 3180 feet of 10-inch pump main and 3,180 feet of 12-inch pump main between the I-5 right-of-way and the Burlingame Tank Site. Several sections of the Fulton Pump Main System were determined by CLEM analysis to be at high risk to the bureau. The crossing of the I-5 Freeway is an uncased 16-inch steel pipe, which would cause severe damage to I-5 and surrounding neighborhoods if it breaks. There have been 15 leaks and breaks since 1965 on the section of mains that will be replaced. In FY 2018-19, the project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	60,000	570,000	630,000	30,000	2,835,000	954,000	5,019,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Greenleaf Pump Station				Total Project Cost:	2,587,000		Area:	Northwest
	Confidence:	High		Original Cost:	1,710,000		Objective:	Replacement
Project Description								
Greenleaf Pump Station will be improved to allow for the demolition of the Penridge Tank. Parts of the Penridge tank are corroded and PWB recommends the Greenleaf pump station improvements in lieu of replacing the tank. The station will be fitted with energy-efficient pumps for normal distribution needs and two large pumps for fire protection. In FY 2018-19, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	974,708	1,000,000	372,000	0	0	0	0	372,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Hydrants								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
There are approximately 14,500 fire hydrants connected to the Portland water system. These hydrants allow Portland the flexibility and preparedness to meet the challenge of a fire emergency through coordination with the Portland Fire & Rescue Bureau. This subprogram replaces fire hydrants that are nonstandard or no longer repairable to increase efficiency. The project funding is from a combination of net proceeds from water sales revenue and construction fund revenues such as system development charges, interagency reimbursements and interest earnings.								
Total Expenditures	0	1,800,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	7,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Meters								
				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement
Project Description								
The bureau has thousands of meters that monitor the quantity of water flowing through the system. The bureau purchases about 8,500 meters annually. These meters are tools to effectively and efficiently manage the allocation of costs of service to public agencies, commercial enterprises, and other non-residential customers. The bureau is also installing automated meter-reading devices and non-skid access lids where applicable. The bureau objective is to maintain metering devices to read within 3% of actual values. The project funding is from a combination of net proceeds from water sales revenue, BES contribution, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	1,000,000	1,030,000	1,030,000	1,030,000	1,030,000	1,030,000	5,150,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
N Jantzen Ave west of Pavilion				Total Project Cost:	1,283,000		Area:	North
	Confidence:	Moderate		Original Cost:	1,290,000		Objective:	Replacement
Project Description								
This replacement main is recommended for following reasons: (1) as many as six nonstandard services lack complete documentation and documented backflow devices, (2) the nonstandard services have leak histories and other possible undocumented private connections, (3) the asbestos-concrete main (while not affecting water quality) requires specialized training and personal protection for repairs. This project will correct services without backflow devices and replace approximately 2,200 ft. of substandard asbestos-concrete and plastic water lines. The project will also install six fire hydrants. In FY 2018-19, this project will finish design which was delayed by easement negotiations. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	186,938	19,000	1,080,000	0	0	0	0	1,080,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NE 47th Ave and Columbia Blvd LID				Total Project Cost:	1,400,000		Area:	Northeast
	Confidence:	Moderate		Original Cost:	1,400,000		Objective:	Maintenance & Repair
Project Description								
PBOT will be completely rebuilding the right-of-way and installing Stormwater planters overtop of the existing 12-inch cast iron water main. Although the 12-inch pipe is a straight run of pipe, the impacted sections have connections for 12 water service lines. This project will relocate 2,035 feet of 12-inch water main, relocate three fire hydrants, install four new fire hydrants, lower and sleeve 12 1-inch water service lines under proposed stormwater planters, renew nine 1-inch and one 2-inch water service lines. Approximately 110 feet of the relocated pipe will need to be installed in a casing underneath the Columbia Slough. In FY 2018-19, this project will complete construction in coordination with PBOT. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	60,938	45,000	89,000	0	0	0	0	89,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NE 49th and Roselawn				Total Project Cost:	916,000		Area:	Northeast
	Confidence:	Low		Original Cost:	916,000		Objective:	Maintenance & Repair
Project Description								
This project will install 2,970 ft of 6-inch ductile iron (DI) main, install 125 ft of 4-inch DI main, renew 82 services, and install 4 hydrants. This group of distribution mains has collectively had eight vertical breaks, six since 2010 on the 4-inch cast iron mains. The 2-inch galvanized mains have had five leaks due to corrosion and pitting and have been noted as in poor condition by field crews. These mains have reached the end of their useful life per Asset Management modelling. In FY 2018-19, the project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	127,000	101,000	678,000	10,000	0	0	789,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program		Revised	Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - NE Wheeler Basin Relocations			Total Project Cost:		\$832,000		Area:	Northeast
	Confidence:	High	Original Cost:		832,000		Objective:	Maintenance & Repair
Project Description								
BES will be installing new sanitary sewer main, manholes, and Stormwater planters which will impact the existing water mains, fire hydrants and water service lines. This project will abandon 90 feet of 4-inch cast iron (CI) water pipe, 380 feet of 6-inch CI water pipe, 70 feet of 6-inch Ductile Iron (DI) water pipe, and 690 feet of 8-inch CI water pipe. The project will install 50 feet of 4-inch DI pipe, 550 feet of 6-inch DI, and 650 feet of 8-inch DI pipe, 2 new hydrants and 7 new water services. There will be about 19 temporary water services and service renewals upon completion of the work. In FY 2018-19, the project will complete construction with BES. The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	39,149	755,000	55,000	0	0	0	0	55,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Outer Powell Transportation Safety								
	Confidence:	Low	Total Project Cost:		1,974,000		Area:	Southeast
			Original Cost:		1,974,000		Objective:	Replacement
Project Description								
ODOT is planning to widen the travel roadway and add sidewalks and bike lanes to SE Powell Blvd, which will potentially impact Conduit 3 and the existing distribution mains, water service lines and fire hydrants. This project will review and consult with ODOT during design and design the water system mitigation of relocating 2,410 feet of 8-inch main, installing 260 feet of 6-inch water main. Also, relocate four fire hydrants and install three additional fire hydrants; and renew 43 1-inch water service lines, seven 2-inch water service lines, one 4-inch fireline, and one 6-inch fireline. In FY 2018-19, this project will begin construction in coordination with ODOT. The project funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	3,702	160,000	1,749,000	60,000	0	0	0	1,809,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Penridge Mains								
	Confidence:	Low	Total Project Cost:		2,530,000		Area:	Northwest
			Original Cost:		2,530,000		Objective:	Replacement
Project Description								
This project will replace approximately 8,000 feet of existing main and renew 41 1-inch domestic services and install seven hydrants. This work will allow the Penridge Tank to be removed from service without further diminishing already substandard fire flows. The Greenleaf Pump Station is being replaced in a separate project. In FY 2018-19, the project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	45,836	190,000	1,229,000	978,000	0	0	0	2,207,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Pump Stations and Tanks				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Replacement

Project Description

This program maintains a large variety of infrastructure consisting of water storage tanks, pumps, and pump and control facilities. The bureau uses a reliability-centered maintenance analysis to prioritize projects in these areas. The focus for this program continues to be the replacement of the remote telemetry units at over 140 remote sites. The existing units are over 15 years old and are becoming obsolete. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	800,000	1,710,000	3,100,000	3,100,000	3,100,000	3,100,000	14,110,000
Net Operations and Maintenance Costs			0	0	0	0	0	

NEW - SCADA System Upgrade 2017				Total Project Cost:	1,136,000		Area:	Citywide
	Confidence:	Low		Original Cost:	1,136,000		Objective:	Replacement

Project Description

This project will replace all PWB Supervisory control and data acquisition (SCADA) machines (11 servers and 25 workstations) and upgrade the OASyS SCADA application software to the latest version. It will add virtualization of the SCADA servers for faster recovery in the event of catastrophic failure. By 2020, the current SCADA system will be obsolete because the core operating system will not be supported for fixes such as security patches. The replacement and upgrade will ensure that the system remains protected from cyber threats and potential malfunctions. In FY 2018-19, this project will complete upgrades. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	1,136,000	250,000	0	0	0	1,386,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Services				Total Project Cost:	Ongoing		Area:	Citywide
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair

Project Description

A service is the connection between the water main and any given customer's service meter. Service connections are always performed by bureau crews. This program funds installation and upgrade of about 1,000 water service connections annually. The funds facilitate construction of replacement water services requested by customers for new development as well as redevelopment. A fee is collected for new service requests to partially reimburse the bureau's costs. The project funding is from a combination of net proceeds from water sales revenue and construction fund revenues such as system development charges, interagency revenue, and interest earnings.

Total Expenditures	0	7,000,000	6,200,000	6,200,000	6,200,000	6,200,000	6,200,000	31,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
NEW - Sunnyside North Reconstruction				Total Project Cost:	1,077,000		Area:	Southeast
Confidence:	Low			Original Cost:	1,077,000		Objective:	
Project Description								
This project will replace or add about 700 feet of 6-inch main, 300 feet of 8-inch main, 110 feet of 16 inch main, and multiple services and hydrants. The work also includes about 350 feet of looped water main that are betterments. This is an interagency project due to a new BES project for sanitary sewer mains, manholes, stormwater planters, and reconstructing sanitary sewer laterals that will impact the existing water mains, fittings supported by thrust blocks, and water service pipes. Replacing with a looped main will improve reliability. In FY 2018-19, the project will begin construction. The funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	130,000	790,000	90,000	0	0	0	880,000
Net Operations and Maintenance Costs			0	0	0	0	0	
SW Boones Ferry Rd at SW Arnold St Bridge				Total Project Cost:	560,000		Area:	Southwest
Confidence:	Moderate			Original Cost:	560,000		Objective:	Replacement
Project Description								
This project will abandon two parallel 6-inch cast iron water mains in SW Boones Ferry Rd between SW Comus Ct and SW Arnold St (about 800 feet). Replace with one 460-foot long 8-inch ductile iron water main, attaching the 8-inch pipe to a 125.5 foot long new bridge structure. Renew two water service lines. BES will be removing the existing roadway bed crossing the existing culvert structure under the roadway, in order to construct a 125-foot long bridge structure in SW Boones Ferry Rd north of SW Arnold St. The two existing parallel 6-inch water mains in SW Boones Ferry Rd will be impacted by this roadway removal. BES's consultant will design the pipe on bridge structure water main and bid the water mitigation work. BES will be responsible for a portion of the project cost to design and replace the existing water main. In FY 2018-19, construction will continue with BES. The remaining funding is from a combination of net proceeds from water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	29,876	101,000	198,000	302,000	0	0	0	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Willamette Blvd Bridge Main Replacement				Total Project Cost:	4,500,000		Area:	North
Confidence:	Low			Original Cost:	4,500,000		Objective:	Replacement
Project Description								
The 20-inch pipeline on the N. Willamette Boulevard Bridge is the primary supply to approximately 5,000 services in North Portland and to the St. John's pipeline crossing of the Willamette River. Both the existing 20-inch pipeline on the bridge and the bridge are in poor condition. The pipeline is vulnerable to failure due to condition and also due to a seismic event. This project will install 950 feet of 24-inch pipe in 42-inch casing, plus an additional 200 feet of un-cased 24-inch pipe to connect to the existing system. The bureau will abandon the existing 20-inch pipeline crossing the Willamette Boulevard Bridge. In FY 2018-19, the project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	25,829	160,000	715,000	624,000	2,553,000	446,000	0	4,338,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Willamette River Pipe Crossing				Total Project Cost:	57,000,000			Area: Central City
Confidence:	Moderate			Original Cost:	57,000,000			Objective: Replacement

Project Description

The project provides for the replacement of major pipelines to strengthen the transmission link between Powell Butte and the service areas west of the Willamette River, including downtown and the storage reservoirs at Washington Park. The project will include construction of a new seismically strengthened river crossing to replace one or two of the existing Willamette River crossings, and new transmission piping on both sides of the Willamette River. In FY 2018-19, this project will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	929,430	1,600,000	38,600,000	7,970,000	0	0	0	46,570,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Regulatory Compliance

Water Quality and Regulatory				Total Project Cost:	Ongoing			Area: Undetermined
Confidence:	Optimal			Original Cost:	Ongoing			Objective: Mandated

Project Description

The bureau recognizes the Bull Run Watershed as a diverse ecosystem. The bureau is committed to preserving this habitat and complying with federal regulations using practical, locally driven solutions. Many of the projects in this subprogram respond to the Clean Water Act and Endangered Species Act, including the implementation of the Bull Run Habitat Conservation Plan as adopted by City Council and approved by the National Marine Fisheries Service. Consistent with Habitat Conservation Plan commitments, this program funds easements, purchases land, and supports projects jointly conducted with other watershed partners. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	1,800,000	2,080,000	2,080,000	500,000	500,000	500,000	5,660,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Supply

Bull Run Watershed				Total Project Cost:	Ongoing			Area: Undetermined
Confidence:	Optimal			Original Cost:	Ongoing			Maintenance & Repair

Project Description

The Bull Run Watershed provides one of the highest quality drinking water sources in the United States. The bureau is committed to updating the Bull Run Watershed protection and maintenance procedures and agreements based on the 2007 Bull Run Agreement with the Mt. Hood National Forest. Funds in this program maintain, improve, and protect the watershed roads and facilities. Many of these facilities are between 50 and 70 years old. Projects address the proper functioning of watershed assets, such as the dams and the intake and treatment facilities. In FY 2018-19, the bureau will continue discussions about the formal land exchange with the U.S. Forest Service. The proposed land exchange would convey approximately 2,800 acres of National Forest System land to the City of Portland in exchange for approximately 2,500 acres of City-owned lands within the Bull Run Watershed Management Unit. The purpose of the proposed land exchange is to create a better alignment of land ownership responsibilities with the respective missions of the agencies. The proposed exchange would consolidate City holdings to lands surrounding the two water supply reservoirs and associated infrastructure. The U.S. Department of Agriculture Forest Service would acquire forested uplands that are valuable for natural resource protection and ecosystem management. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	500,000	50,000	100,000	1,600,000	1,000,000	3,500,000	6,250,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Dam 1 Needle Valve Replacement				Total Project Cost:	3,260,000			Area: Undetermined
Confidence:		Low		Original Cost:	3,260,000			Objective: Replacement
Project Description								
The needle flow control valves are 89 years old and were refurbished 24 years ago. The valves are antiquated, leaky, difficult to open and close, and pose a risk to operator safety. This project will replace the three existing needle valves, actuators, and control panels at Dam 1 with new jet-flow gate valves or fixed-cone valves. In FY 2018-19, the project will begin construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	39,622	252,000	1,647,000	1,215,000	0	0	0	2,862,000
Net Operations and Maintenance Costs			0	0	0	0	0	
FUTURE - Howell-Bunger Valve Improvements				Total Project Cost:	1,647,000			Area: Undetermined
Confidence:		Low		Original Cost:	1,647,000			Objective: Maintenance & Repair
Project Description								
This future project will replace existing appurtenances associated with the three (3) Howell-Bunger valves at Dam #2, including the actuators, external linkages and gearboxes, control infrastructure, electrical service and panels, and the aerial cable. The Howell-Bunger Valves planning report identified site risks associated with the continued use of the Howell-Bunger valves at Headworks. PWB's risk-analysis evaluation process (CLEM) identified two Medium risks related to 240 V obsolete power and personnel disability due to arc flashing. Obsolete power hinders PWB's ability to repair or replace failing system components at Headworks. Total lifecycle benefits are estimated at \$2.86 million and exceed the estimated project cost at a ratio of 1.5. The project also supports federal dam regulations (FERC) and environmental conservation requirements per our Habitat Conservation Plan (HCP). In FY 2022-23, the project will begin design. The funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	0	0	0	0	273,000	273,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Groundwater				Total Project Cost:	Ongoing			Area: Northeast
Confidence:		Optimal		Original Cost:	Ongoing			Objective: Efficiency
Project Description								
The Columbia South Shore Well Field is Portland's alternative supply of water should the Bull Run Watershed supply be interrupted for any reason. The well field's primary use is to supplement the bureau peak demand in summers. If flow from Bull Run source must be interrupted or augmented due to storm-caused turbidity, drought conditions, or other causes, then the bureau pumps groundwater. The groundwater supply also allows the bureau to continue to operate while constructing and operating a filtration facility. Projects funded in this program improve the maintenance of this aging infrastructure, including repairs, selective replacements, and upgrades. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue and other construction fund revenues, such as system development charges and interest earnings.								
Total Expenditures	0	390,000	220,000	570,000	570,000	570,000	570,000	2,500,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Groundwater Electrical Supply				Total Project Cost:		1,611,000		Area: Northeast
				Original Cost:		2,200,000		Maintenance
	Confidence:	High						& Repair

Project Description

The 2000 Portland Water Bureau System Vulnerability Analysis and later reports identified a vulnerability for electrical failures at PWB's Groundwater Pump Station. The cost of a possible transformer failure is significant, mainly due to the time needed for transformer replacement. The 2009 Portland Water Bureau Groundwater Pump Station 115kV/4160V Electrical Systems Vulnerability Reduction document studied alternatives for addressing the risk. Other major studies that addressed this issue are the 2008 Groundwater Vulnerability to Flooding and Electrical Outages Project Concept Report and the 2008 Suggestions for Additional Groundwater Vulnerability Reduction Assessment. This project consists of design and construction of a new high-voltage transformer and other components to complete a double-ended electrical substation at the Groundwater Pump Station. It will also include a new main breaker replacement and purchase of selected spare components. In FY 2018-19, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	583,813	550,000	366,000	0	0	0	0	366,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Road 10E MP 6.2 - 8.2				Total Project Cost:		1,652,000		Area: Southeast
				Original Cost:		1,652,000		Maintenance
	Confidence:	Low						& Repair

Project Description

This project will grind existing pavement, restore road subgrade, pave, and stripe 2 miles of Road 10. The road will be brought up to current standards, using fill and walls to add an average of 2 feet of width to the segment. Approximately 10 culverts will be replaced with aluminum alloy pipe. This segment of Road 10 is part of the primary access to Dam 1. It provides access from Headworks to secondary egress from the watershed, should the main route be blocked. This segment spans the location of a rollover accident caused by an unsupported road edge at a particularly narrow point. This key segment will be in Poor condition by the time construction begins and the width does not meet the current design standard for a Class A road. This project is recommended by the Bull Run Roads Asset Management Plan (Aug 2012). Construction scheduling will reflect seasonal restrictions for the watershed. In FY2018-19, the project will begin design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	160,000	110,000	1,465,000	0	0	1,735,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Road 10H MP 10.95 to 12.56				Total Project Cost:		1,006,000		Area: Undetermined
	Confidence:	Moderate		Original Cost:		822,000		Maintenance & Repair

Project Description

This segment of Road 10 provides access from Headworks to secondary egress from the watershed, should the main route be blocked. This secondary road is at the low end of fair condition and the road width does not meet the current design standard for this Class A road. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, pave, and stripe 1.61 miles of Road 10. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will also be replaced. Culvert inspection during design may indicate a need to replace more. In FY 2018-19, this project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	149,533	168,000	796,000	0	0	0	0	796,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Road 10R MP 28.77 to 31.85				Total Project Cost:		2,100,000		Area: Undetermined
	Confidence:	Low		Original Cost:		2,100,000		Maintenance & Repair

Project Description

This segment of Road 10 provides access from Bull Run Lake to secondary egress from the watershed, should the main route be blocked. This secondary road is considered at the low end of "fair" condition with a remaining service life of approximately five years. This project is recommended by the 2012 Bull Run Roads Asset Management Plan. This project will grind existing pavement, restore road subgrade, reconstruct turnouts, pave, and stripe 3.08 miles of Road 10. The road meets the design width for this Class B segment; however several failures have occurred in turnouts designed to accommodate passing vehicles. The road condition assessment indicates the average width of this road meets the design standard, however isolated widening may be required. Current condition ratings indicate one culvert will be replaced. Culvert inspection during design may indicate the need to replace more. In FY 2018-19, this project will complete design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	87,302	90,000	620,000	1,250,000	0	0	0	1,870,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Support

FUTURE - Portland Building Contribution				Total Project Cost:		43,500,000		Area: Central City
	Confidence:	Low		Original Cost:		35,500,000		Objective: Replacement

Project Description

City Council has approved a project to reconstruct the Portland Building due to problems with its structure, exterior, and operational systems that repairs alone cannot address. The project is planned to complete in 2020 and PWB will contribute funds towards the project in FY 2020-21. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.

Total Expenditures	0	0	0	0	43,500,000	0	0	43,500,000
Net Operations and Maintenance Costs			0	0	200,000	200,000	200,000	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Planning				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Efficiency
Project Description								
This program consists of general planning studies for projects needed to improve the operation of the water system. These include pressure zone adjustments, facility modifications, and system element studies. In FY 2018-19, the bureau will continue developing the Supply System Mater Plan and Sandy River Station Facilities Plan. The bureau will also continue studies on topics such as water quality, tank and pump station issues, groundwater upgrades, and isolation of transmission pipeline elements. The project funding is from water sales revenue.								
Total Expenditures	0	2,800,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000	15,000,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Transmission/Terminal Storage								
Conduit 2 Internal Inspection				Total Project Cost:	1,788,000		Area:	Citywide
	Confidence:	High		Original Cost:	1,788,000		Objective:	
Project Description								
This project will investigate approximately 8 total miles of smaller sections of Conduit 2 that are located in highly vulnerable areas, record findings from the investigation, identify limits of damaged sections, and propose strategies to address the identified defects. This is one of several projects that resulted from the PWB Conduit Rehabilitation Plan (January 2015). The plan recommended a detailed investigation of the condition of the three conduits in areas that are known to have prior repairs due to leaks, landslide potential and corrosive soil properties. PWB will use the findings from this project to identify possible capital improvement projects. In FY18-19, the project will complete the investigation. The funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	5,618	1,500,000	95,000	0	0	0	0	95,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Conduits and Transmission Mains								
				Total Project Cost:	Ongoing		Area:	Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Maintenance & Repair
Project Description								
The conduits that bring water to Portland from the Bull Run watershed are pipes 56 to 72 inches in diameter. Service to the City's wholesale customers is a key reason for the bureau's commitment to improve maintenance of this aging infrastructure. In future years, the bureau plans to rehabilitate four to five miles of conduits each year at an estimated cost of \$4 to \$5 million dollars per mile. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	423,436	4,260,000	5,490,000	16,530,000	16,530,000	16,530,000	59,340,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Gresham Conduit 2 Trestle Upgrades				Total Project Cost:		1,150,000		Area: Citywide Maintenance & Repair
	Confidence:	Low		Original Cost:		1,150,000		Objective:
Project Description								
This project will install 13 ring girders and scour protection on both the El Camino and Beaver Creek trestles. These improvements mitigate Conduit 2 failure risks due to seismic and flooding events, which will improve the bureau's supply resiliency due to natural disasters. In FY 2018-19, the project will complete construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	124,030	300,000	821,000	0	0	0	0	821,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Powell Butte Reservoir 1 Roof Upgrades								
				Total Project Cost:		6,056,000		Area: Southeast Maintenance & Repair
	Confidence:	Low		Original Cost:		6,056,000		Objective:
Project Description								
This project will design and construct multiple structural improvements to the Powell Butte Reservoir 1 (PBR1) roof, including removal of existing overburden; a new rubberized cover; new perimeter concrete aprons around the existing opening, and a new drainage system above the roof. PWB staff have documented water leaking through the roof of PBR1. The reservoir has temporarily been placed out of service. Design for this project will begin in FY 2018-19. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	125,000	1,211,000	4,720,000	0	0	6,056,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Rockwood PUD Meter								
				Total Project Cost:		530,000		Area: East Efficiency
	Confidence:	High		Original Cost:		530,000		Objective:
Project Description								
This project will design and construct a replacement meter vault outside of the traffic lanes to reduce risk. The existing vault houses a wholesale meter with instrumentation and requires the closure of multiple lanes to access. Due to width and height restrictions, the business case identifies a high risk exposure to injury to staff working in the vault. The new vault will be in the parking lane and sidewalk area, and will contain a check valve. Piping will be installed to reconnect the supply main to the distribution main. In FY 2018-19, this project will complete easements and construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	141,310	0	410,000	0	0	0	0	410,000
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Terminal Reservoirs				Total Project Cost:	Ongoing		Area:	Southeast
	Confidence:	Optimal		Original Cost:	Ongoing		Objective:	Mandated
Project Description								
The Terminal Reservoirs program includes conveying water from the supply facilities to the retail distribution system. Major assets in this program include the terminal reservoirs, such as those at Powell Butte, Kelly Butte, and Washington Park. The program provides for the rehabilitation, replacement, and expansion of smaller reservoir system assets. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - WA Park Hypochlorite Improvements								
				Total Project Cost:	1,740,000		Area:	Southwest
	Confidence:	Low		Original Cost:	1,740,000		Objective:	Maintenance & Repair
Project Description								
This project will design and construct new feed systems for hypochlorite and aqueous ammonia and make upgrades to the existing chlorine building to improve safety and accommodate expanded operation. The existing hypochlorite feed system is over 20 years old, in very poor condition, and must be expanded to provide disinfection for new additional required water features. The poor condition and limited capacity of the system results in high risks including the potential to not meet water quality regulations and safety risks for operators. Design for this project will begin in FY 2018-19. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	188,000	344,000	1,208,000	0	0	1,740,000
Net Operations and Maintenance Costs			0	0	0	0	0	
Washington Park								
				Total Project Cost:	190,000,000		Area:	West
	Confidence:	High		Original Cost:	61,132,686		Objective:	Mandated
Project Description								
The project will plan, design, and construct a new seismically resilient buried reservoir to replace open Reservoir #3 at Washington Park. This project is part of compliance with the federal LT2 mandate to replace the open reservoirs. It is assumed that Reservoir #4 will be used as the overflow detention, dechlorination, and stormwater structure. The buried reservoir would be topped with a reflecting pond and historical features will be protected as much as possible. In FY 2018-19, this project will continue construction. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	40,616,724	29,000,000	41,555,021	26,100,000	15,500,000	6,000,000	10,900,000	100,055,021
Net Operations and Maintenance Costs			0	0	0	0	0	

Capital Program	Revised		Adopted		Capital Plan			
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Treatment								
NEW - Corrosion Control Improvements								
				Total Project Cost:	19,961,000			Area: Undetermined
	Confidence:	Low		Original Cost:	19,961,000			Objective: Mandated
Project Description								
The project will design and construct a corrosion control treatment facility at the Lusted Hill Treatment Facility. The project is required to maintain compliance with the Lead and Copper Rule (LCR) and meet Oregon Health Authority's (OHA) compliance schedule to implement improved corrosion control treatment. In FY 2018-19, this project will continue design. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	610,000	1,820,000	1,601,000	7,105,000	8,330,000	150,000	19,006,000
Net Operations and Maintenance Costs			0	0	0	700,000	1,400,000	
Treatment								
				Total Project Cost:	Ongoing			Area: Undetermined
	Confidence:	Optimal		Original Cost:	Ongoing			Objective: Mandated
Project Description								
The Treatment Program provides for meeting or exceeding the federal and state requirements for a public water system utilizing an unfiltered surface water source as well as a groundwater source. The program funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	0	0	100,000	100,000	100,000	100,000	400,000
Net Operations and Maintenance Costs			0	0	0	0	0	
NEW - Water System Filtration								
				Total Project Cost:	500,000,000			Area: Undetermined
	Confidence:	Low		Original Cost:	500,000,000			Objective: Mandated
Project Description								
The Portland City Council has directed the Water Bureau to comply with the Oregon Health Authority's order to treat drinking water from the Bull Run Watershed for Cryptosporidium by proceeding with planning, design and construction of a filtration plant. The first step will be to develop a Basis of Design Report. This Basis of Design Report will include evaluation of needs and alternatives, implementation of a pilot study, and the creation of the report. The next step will be hiring a design consultant and managing the design process. This will be followed by construction through an alternative construction method. In FY2018-19, the project will continue planning. The project funding is from a combination of net proceeds from revenue bond sales, water sales revenue, and other construction fund revenues such as system development charges and interest earnings.								
Total Expenditures	0	760,000	5,590,000	6,500,000	21,060,000	19,890,000	55,120,000	108,160,000
Net Operations and Maintenance Costs			0	0	0	0	0	



City Budget Office

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Special Projects								
NEW - Budget SW Replacemnt				Total Project Cost:	1,083,346		Area:	Citywide
	Confidence:	Moderate		Original Cost:	1,083,346		Objective:	Replacement
Project Description								
The City Budget Office is replacing BRASS, the current budget software system, with Budget Formulation Management (BFM). Original funding for this project was appropriated in FY 2015-16 and has been carried over twice and is sufficient resource to cover the full cost of implementation and year one service agreements. For FY 2018-19, \$1,083,346 has been carried over.								
Total Expenditures	0	0	1,083,346	0	0	0	0	1,083,346
Net Operations and Maintenance Costs			0	24,489	49,646	49,646	49,646	



Portland Fire & Rescue

Capital Program	Revised		Adopted	Capital Plan				
Project	Prior Years	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	5-Year Total
Safety								
NEW - Mobile Technology Improvements				Total Project Cost:	490,000		Area:	Citywide
							Maintenance-	
	Confidence:	Moderate		Original Cost:	490,000		Objective:	Safety
Project Description								
This project will enhance three parts of PF&R's mobile computing technology. \$350,000 will purchase and implement a new Fire Inspection Software application to improve code enforcement operations. The new software will allow inspectors to access information and enter data in the field, provide a customer portal for access to fire inspection data, and prioritize inspections based on risk. \$20,000 will allow PF&R's vehicle-mounted Mobile Data Computers (MDCs) to connect to the city network and \$120,000 will install high-speed wifi connections at PF&R's stations. These two improvements will allow MDCs to be updated via wifi on a regular basis. The projects are funded through Public Safety Project reserve funds.								
Total Expenditures	0	0	490,000	0	0	0	0	490,000
Net Operations and Maintenance Costs			30,000	30,000	15,000	0	0	
NEW - Self-Contained Breathing Apparatus Replacement								
				Total Project Cost:	3,000,000		Area:	Citywide
							Maintenance-	
	Confidence:	Moderate		Original Cost:	3,000,000		Objective:	Safety
Project Description								
SCBAs are a required piece of personal protective equipment which provide breathable air in any dangerous atmosphere. PF&R last purchased SCBAs in 2002, and some parts have recently been experiencing up to a 30% failure rate. Replacing this equipment is essential to ensuring firefighter wellness and responsiveness. This project will replace PF&R's entire inventory with new SCBA equipment that meets current standards to ensure the safety and health of firefighters while they are responding to emergencies. The project is funded through a combination of General Fund capital set-aside, General Fund discretionary, and the realignment of a portion of the bureau's internal General Fund resources.								
Total Expenditures	0	0	1,742,511	0	0	0	0	1,742,511
Net Operations and Maintenance Costs			0	-125,000	-125,000	-100,000	-75,000	

